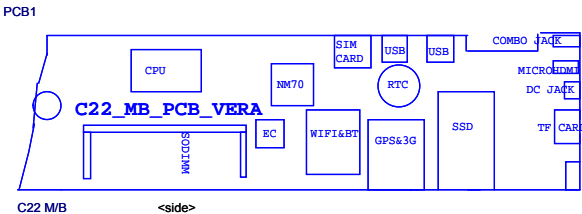


Project Name: C22

SCH Version: VC

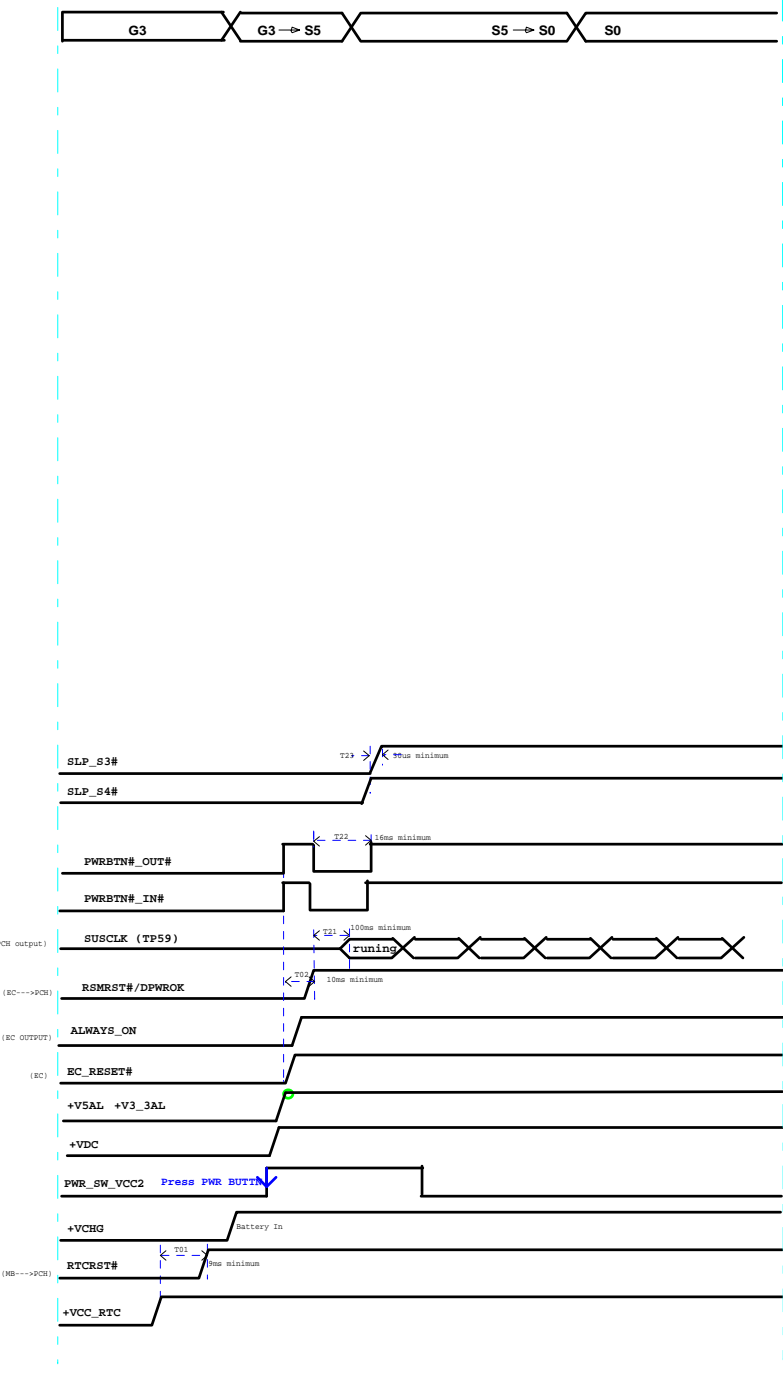
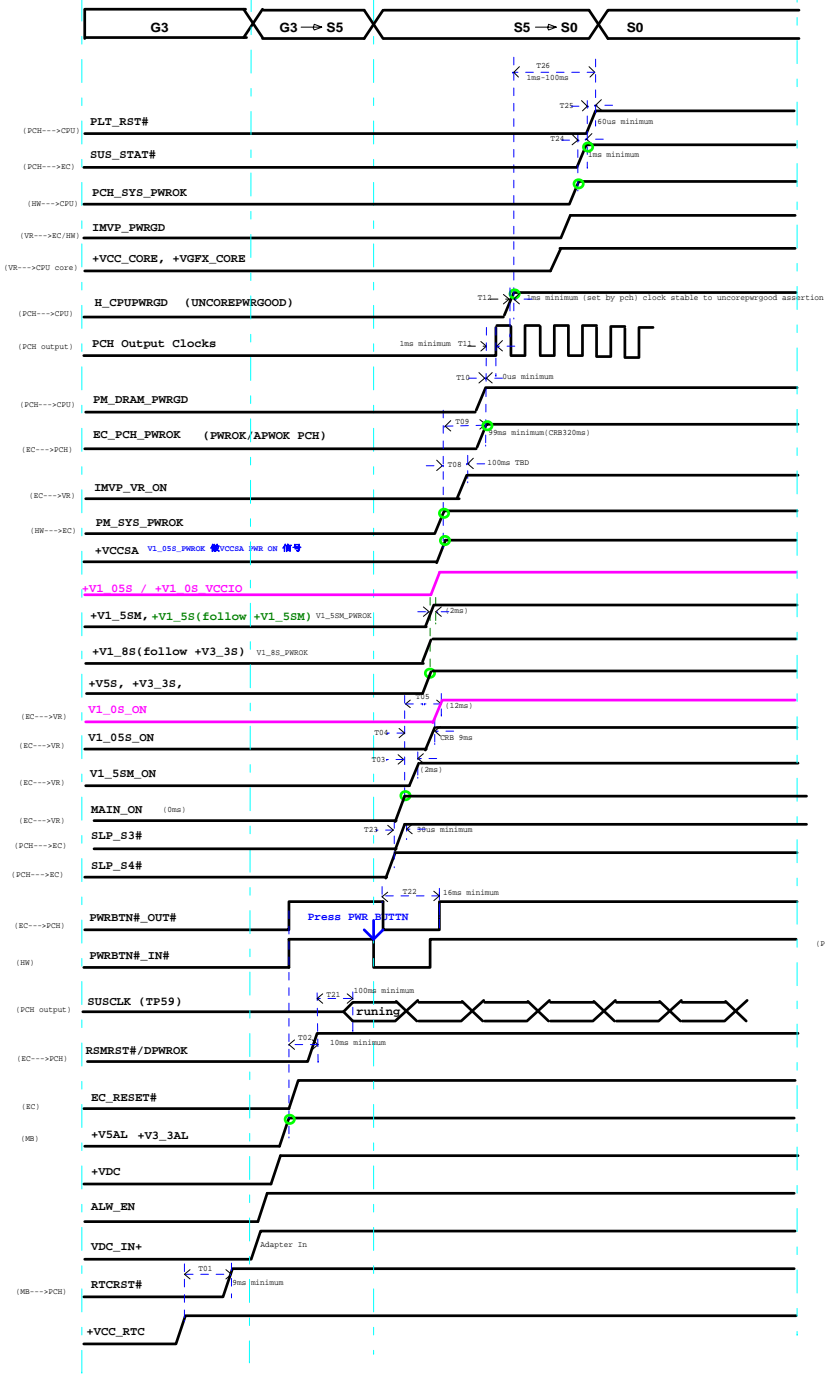
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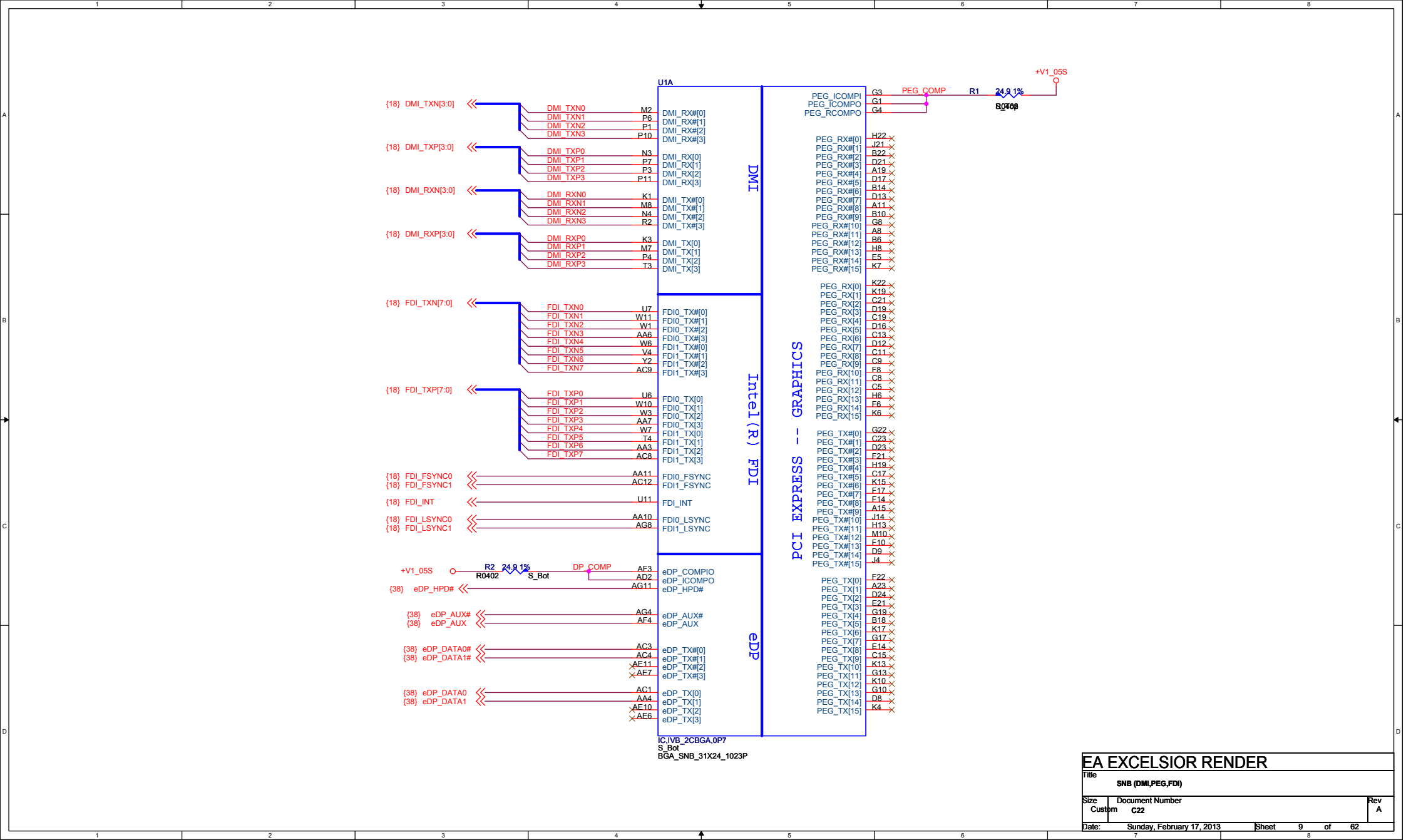
PAGE	TITLE
01	COVER SHEET
02	SYSTEM BLOCK DIAGRAM
03	CLOCK MAP
04	POWER MAP
05	Power up Sequence Diagram
06	POWER SEQUENCE TIMING
07	SMBUS MAP
08	BLANK
09	IVB (DMI,PEG,FDI)
10	IVB (CLK,MISC,JTAG)
11	IVB (DDR3)
12	Ivy Bridge (POWER)
13	Ivy Bridge (GFX POWER)
14	Ivy Bridge (GND)
15	Ivy Bridge (RESERVED)
16	PCH (HDA,SAT,RTC,LPC,SPI)
17	PCH (PCI-E,SMBUS,CLK)
18	PCH (DMI,FDI,PowerM)
19	PCH (LVDS,DDI,CRT)
20	PCH (PCI,USB,RSVD)
21	PCH (GPIO,VSS_NCTF,MISC)
22	PCH (POWER) 1
23	PCH (POWER) 2
24	PCH (VSS)
25	DDR3 (SO-DIMM_0)
26	BLANK
27	EC+KBC (ITE8518)
28	USB PORT
29	AUDIO CODEC(ALC269Q)
30	LAN(RTL8105E)
31	BLANK
32	BLANK
33	Card Reader
34	Mini_PCIe (SSD&WIFI)
35	Mini_PCIe (WIFI)
36	SATA HDD
37	CRT PORT
38	LVDS CONNECTOR
39	HDMI PORT
40	BLANK
41	FAN
42	Power Sequencing Logic
43	POWER BUTTON
44	LED/TP/MOUNT HOLE

PAGE	TITLE
45	ADAPTER IN
46	BATTERY
47	CHARGER TL494
48	Vcore ISL95837
49	VBL ISL98012
50	VCCSA
51	5V/3.3V TPS51125
52	VCC_DDR&+VTT_DDR
53	V1_8S APL5930
54	1.05V
55	Switchable PWR
56	BLANK
57	System Discharge
58	HISTORY

POWER ON SEQUENCE(Adapter Mode)POWER ON SEQUENCE(BatteryMode)

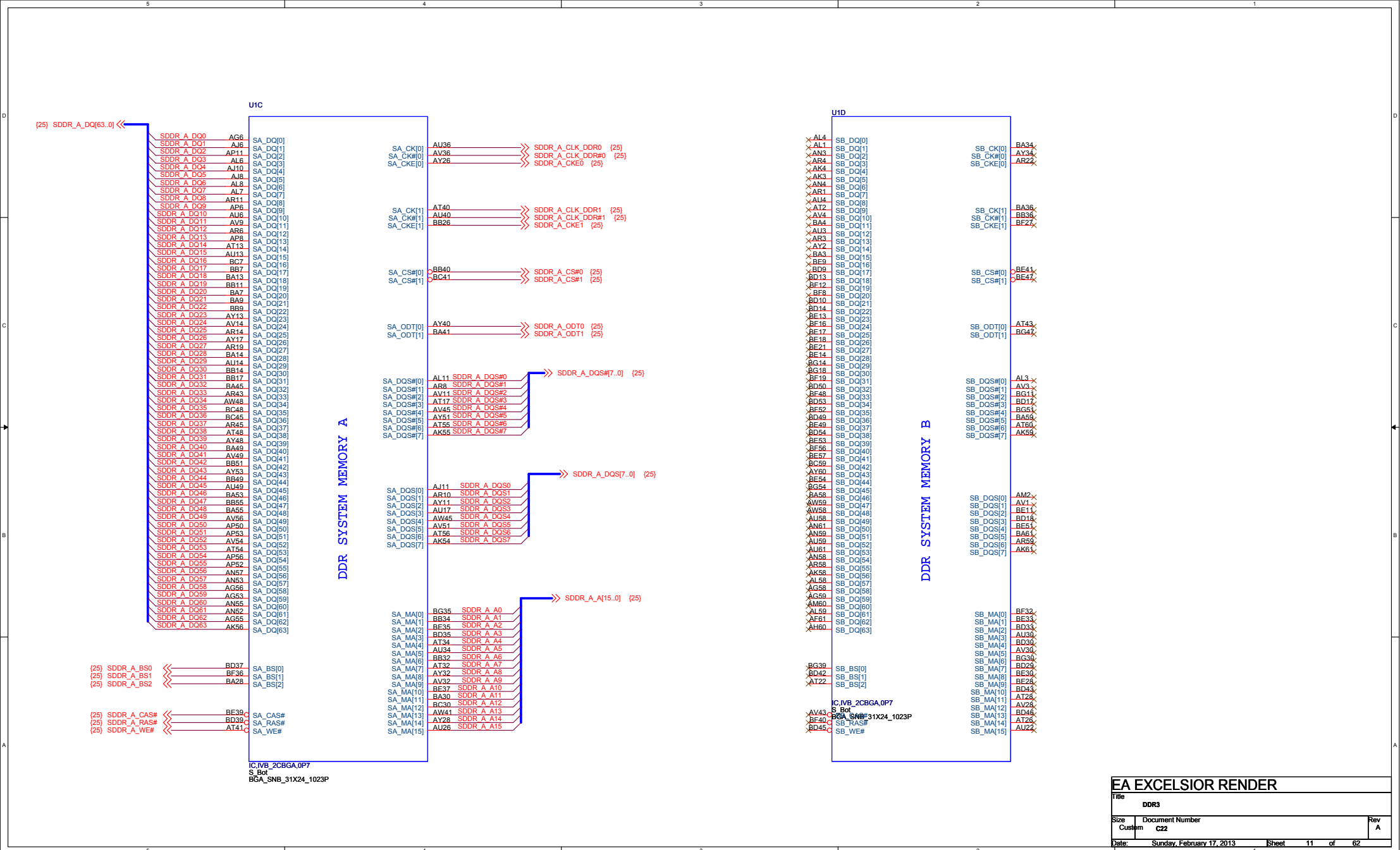


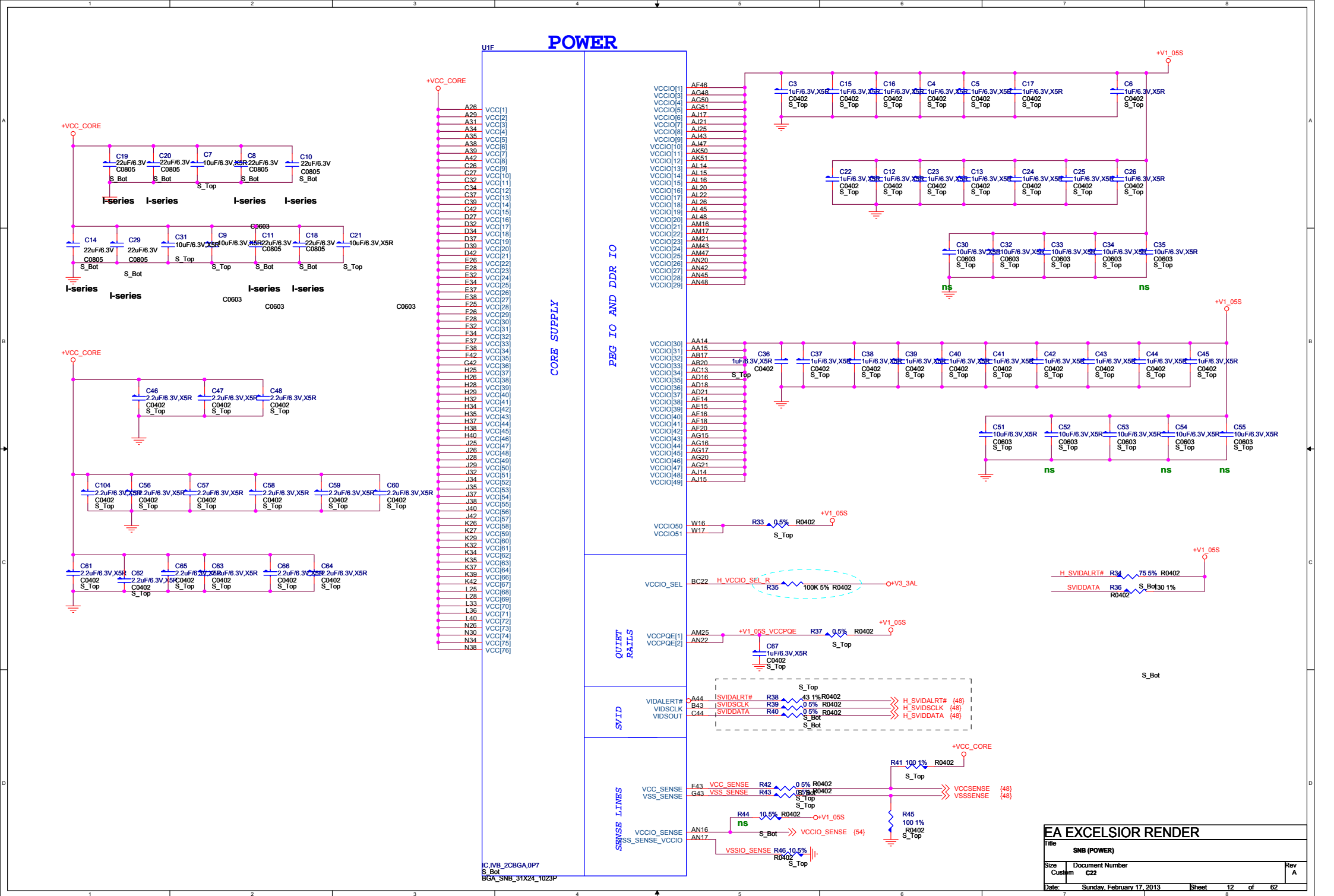
Platform Sequencing Timing Spec				
Label	Description	Min(ms)	Max(ms)	Units
T01	VocRTC active to RTCRST# deassertion	9	--	ms
T02	VocSUS active to RSMRST# deassertion	10	--	ms
T03	platform power rails active to PCH PWROK high	100	300	ms
T04	PWROK assertion to DRAMPWROK assertion	0	--	us
T05	PWROK high to PCH clock outputs stable	1	--	ms
T06	SYS_PWROK high to PLTRST# deassertion	1.06	--	ms
Ta	SUS_STAT# active to PLTRST# active	210	--	us
Tb	PLTRST# active to PROCPWRGD inactive	30	--	us
Tc	PROCPWRGD inactive to clocks invalid	10	--	us
Td	Clocks invalid to SLP_S3# assertion	1	--	us
	SLP_S3# assertion to VocCore (PCH) rails falling	5	--	us



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SNB (DMI,PEG,FDI)			
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POWER

CORE SUPPLY

PEG IO AND DDR IO

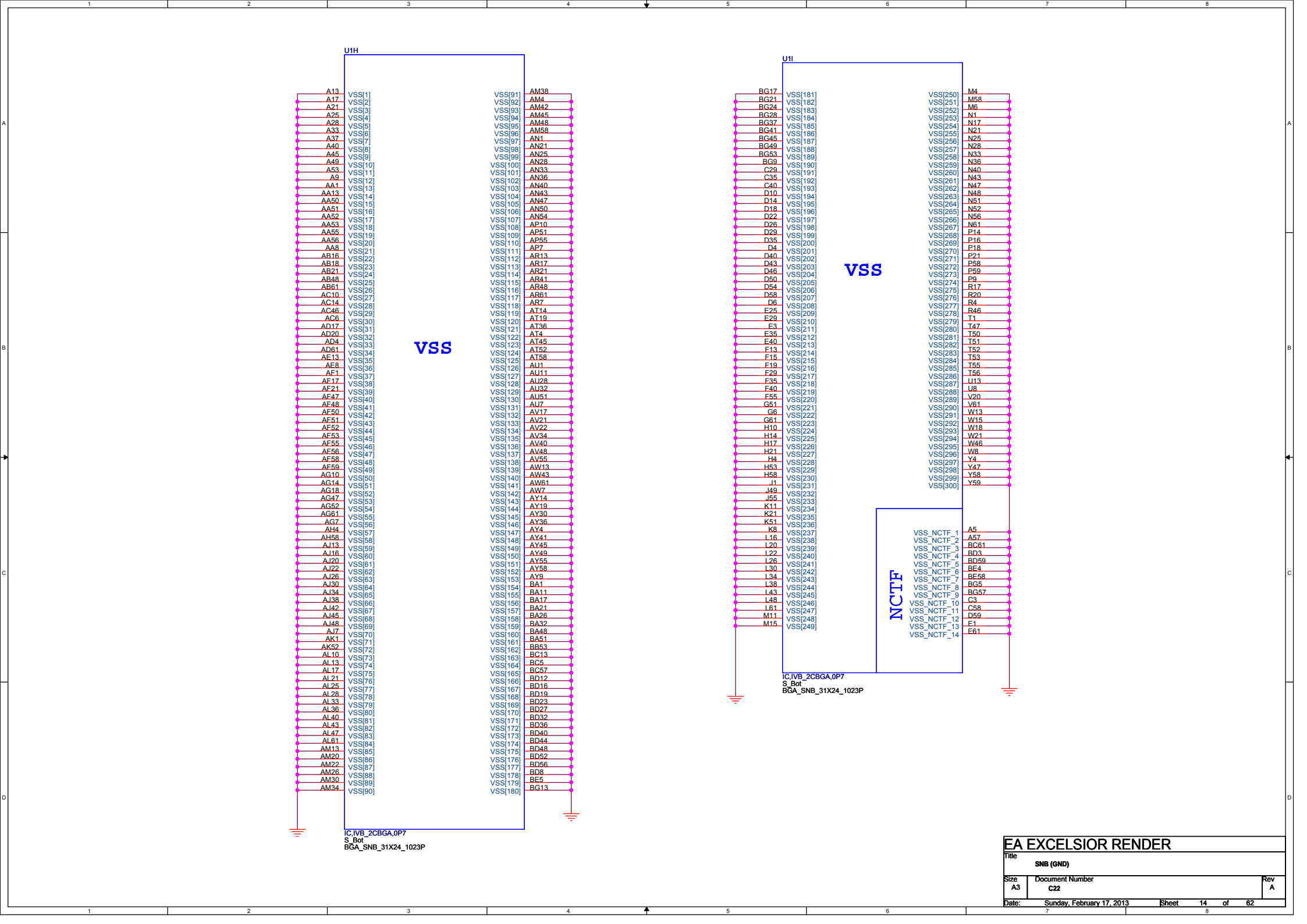
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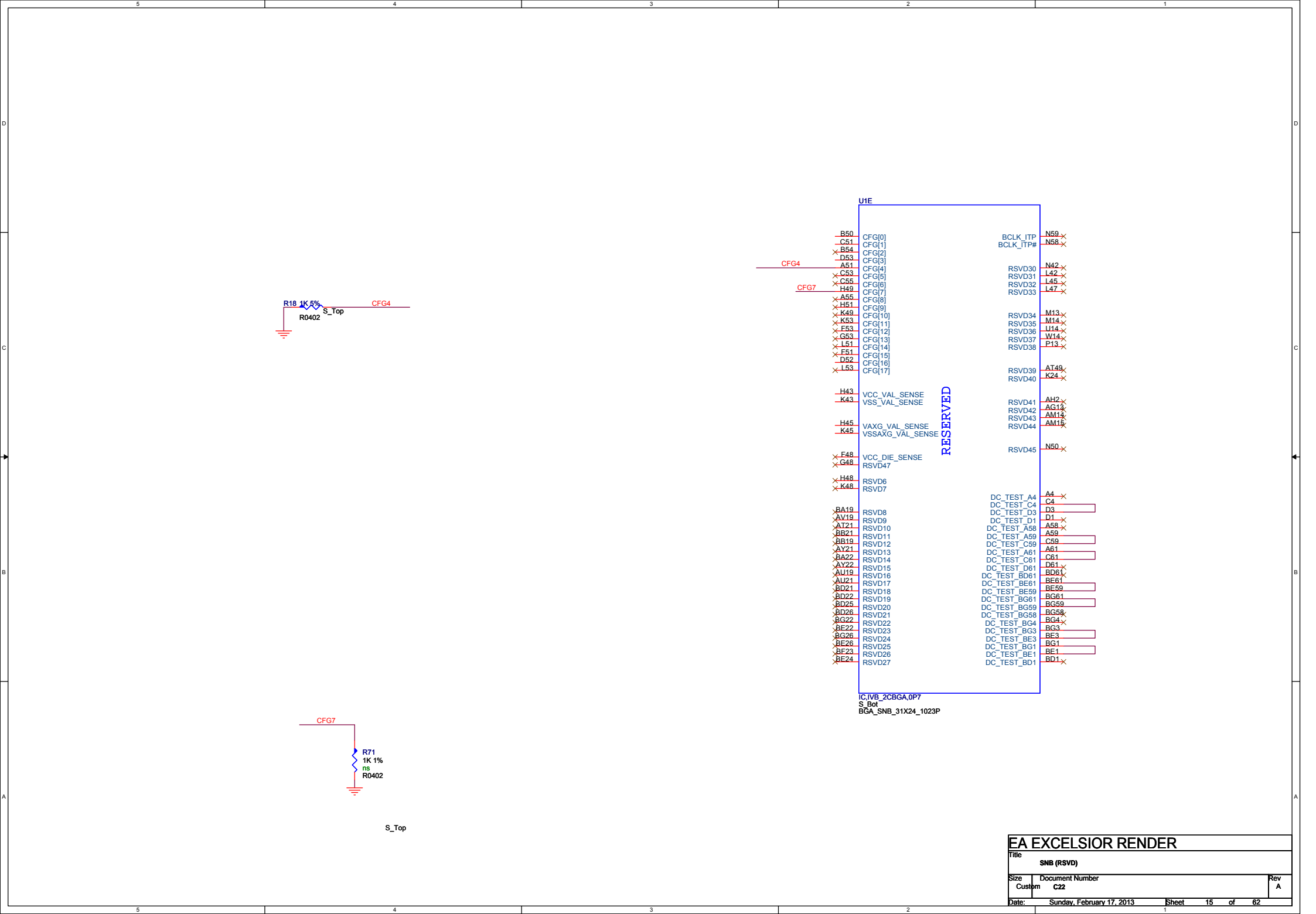
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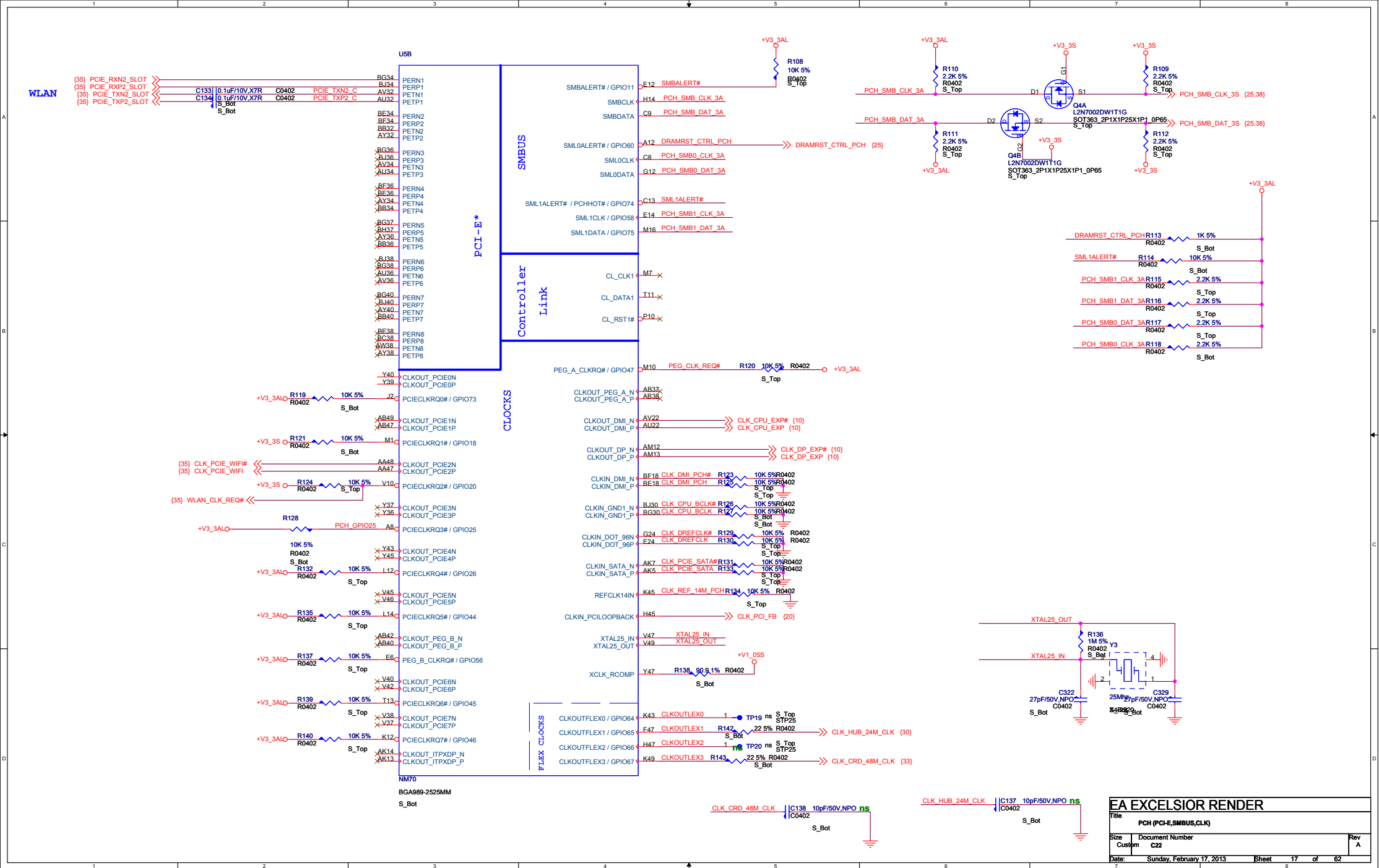
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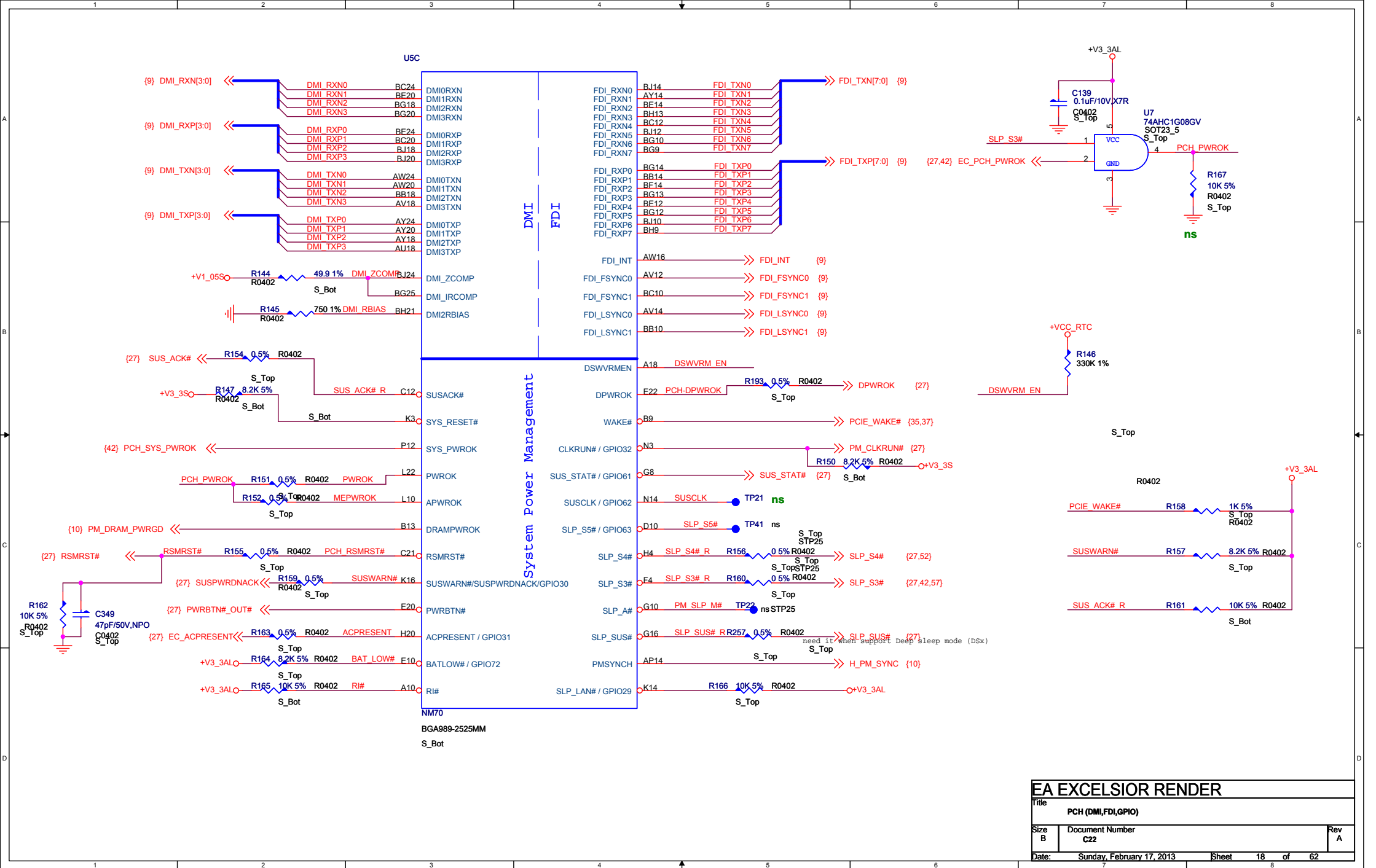
EA EXCELSIOR RENDER

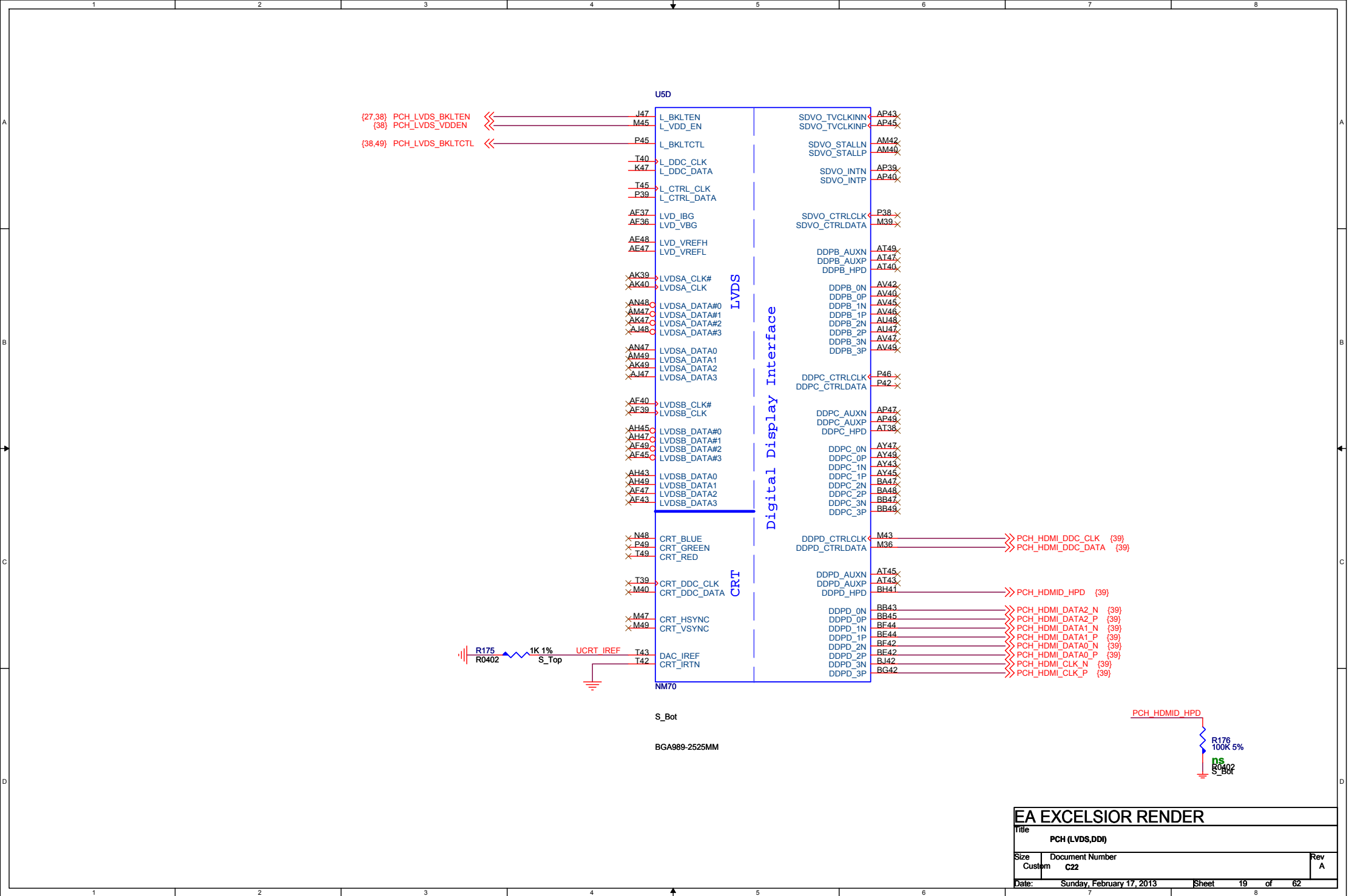
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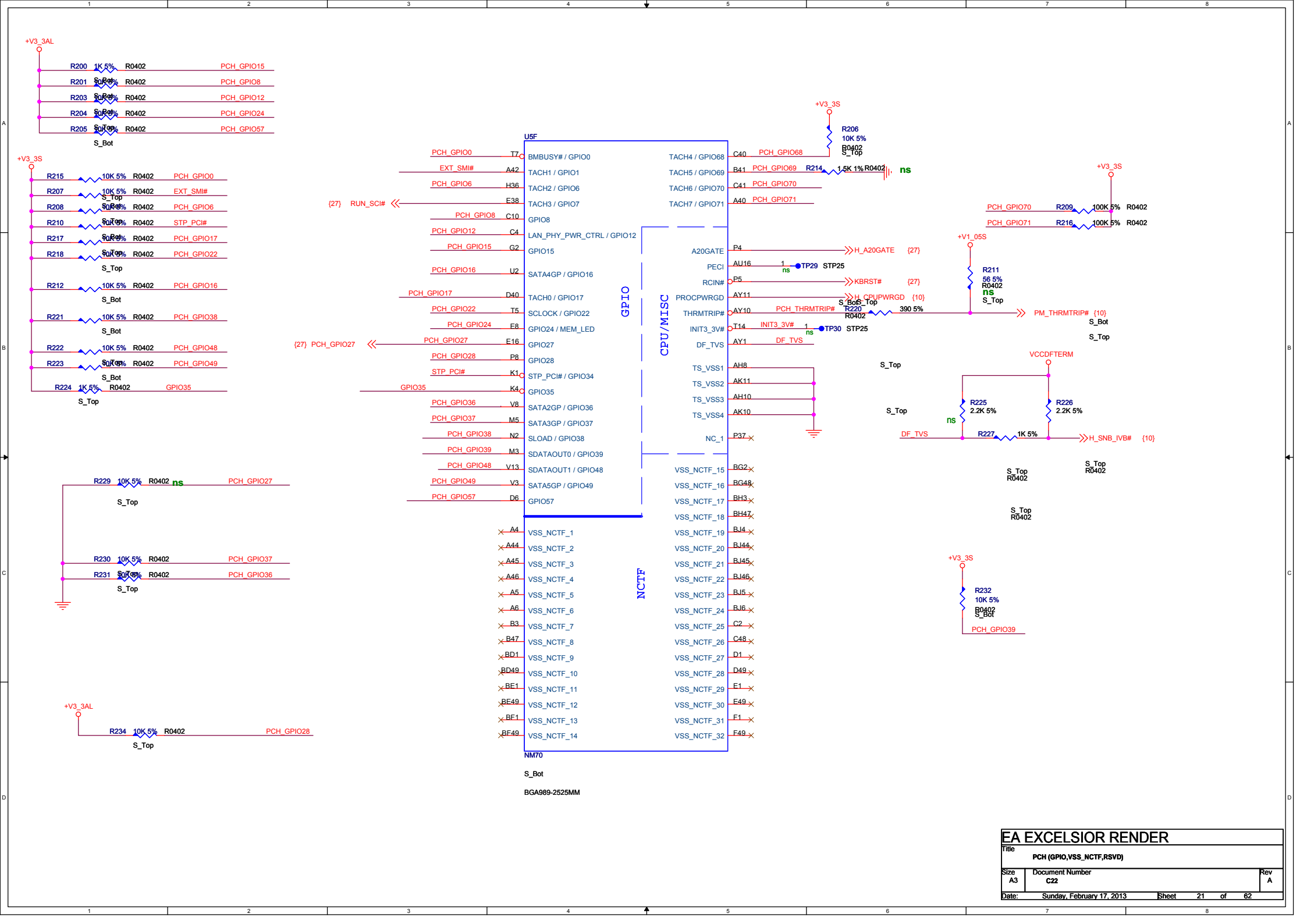


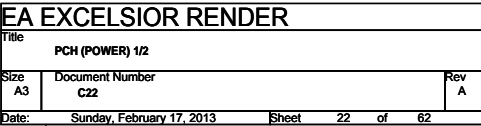


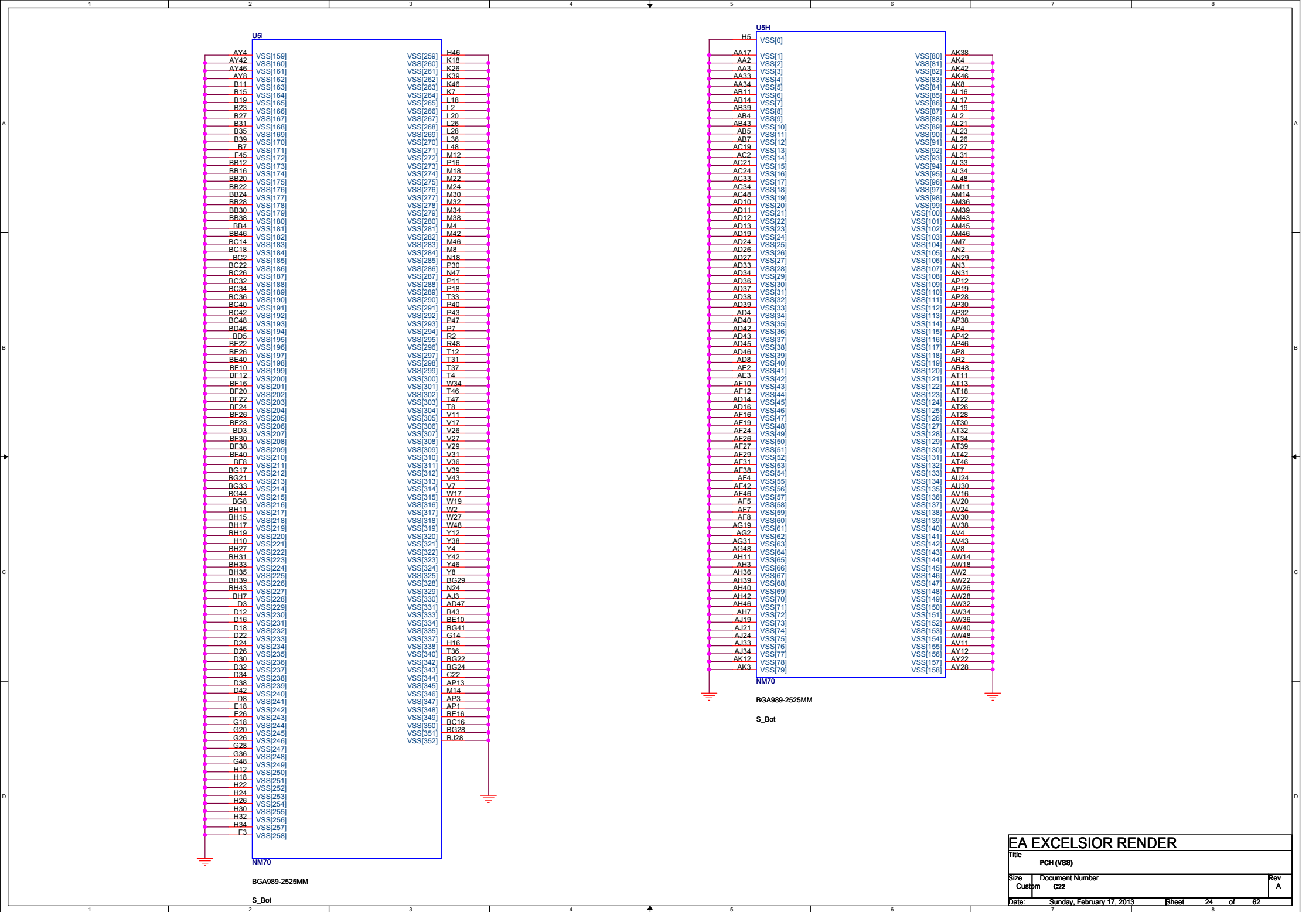


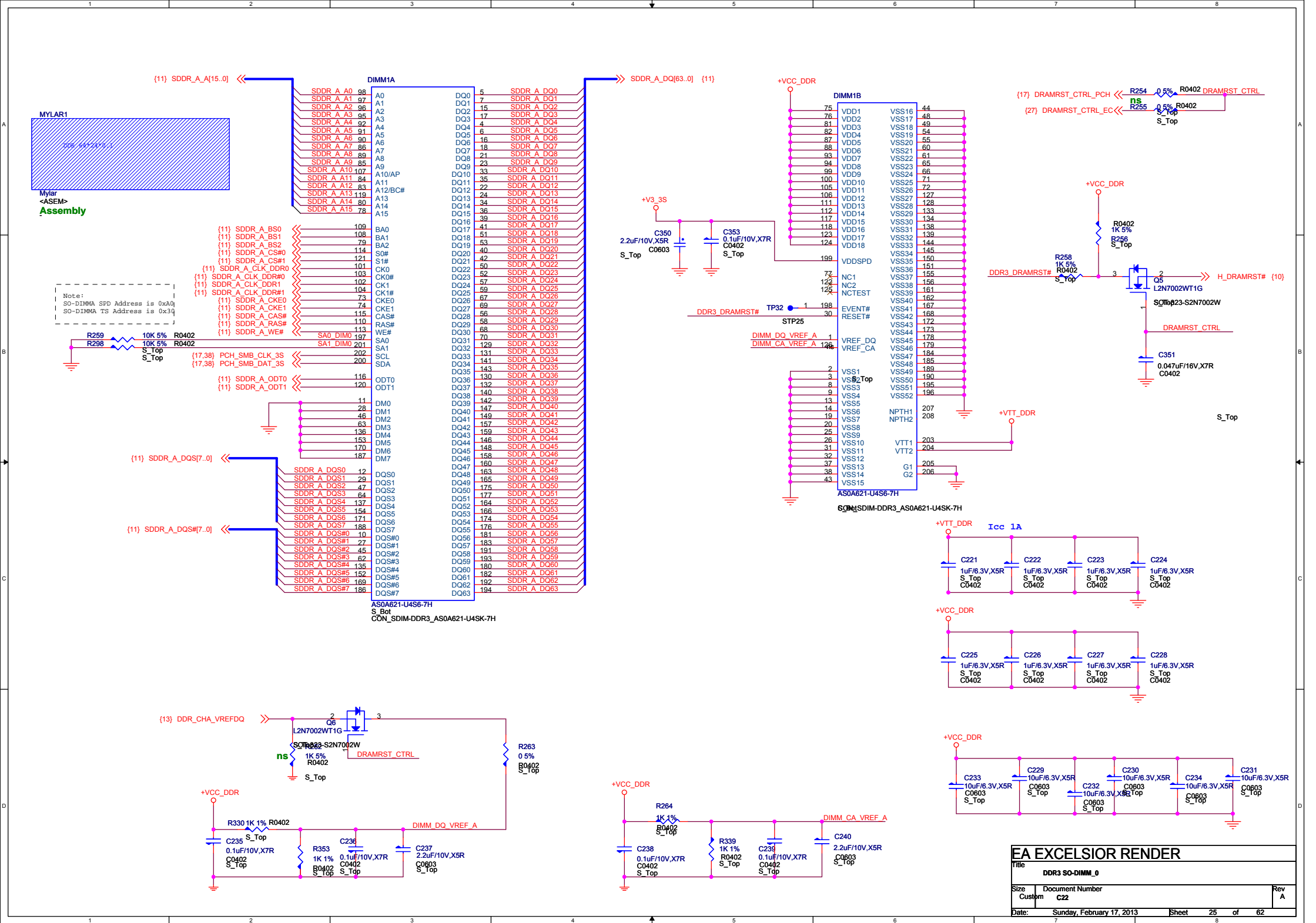


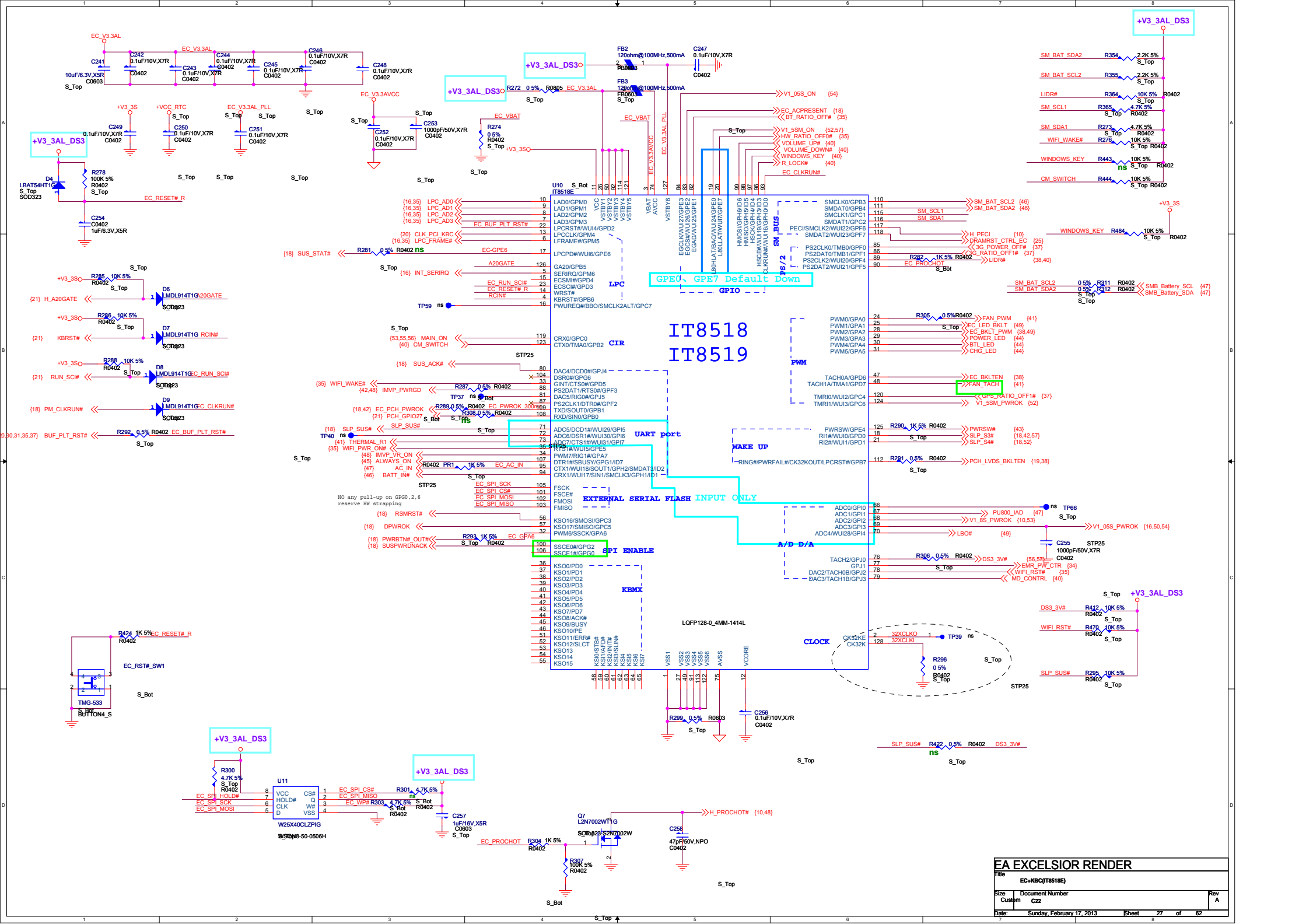
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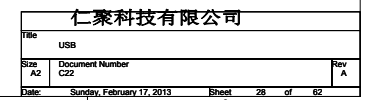


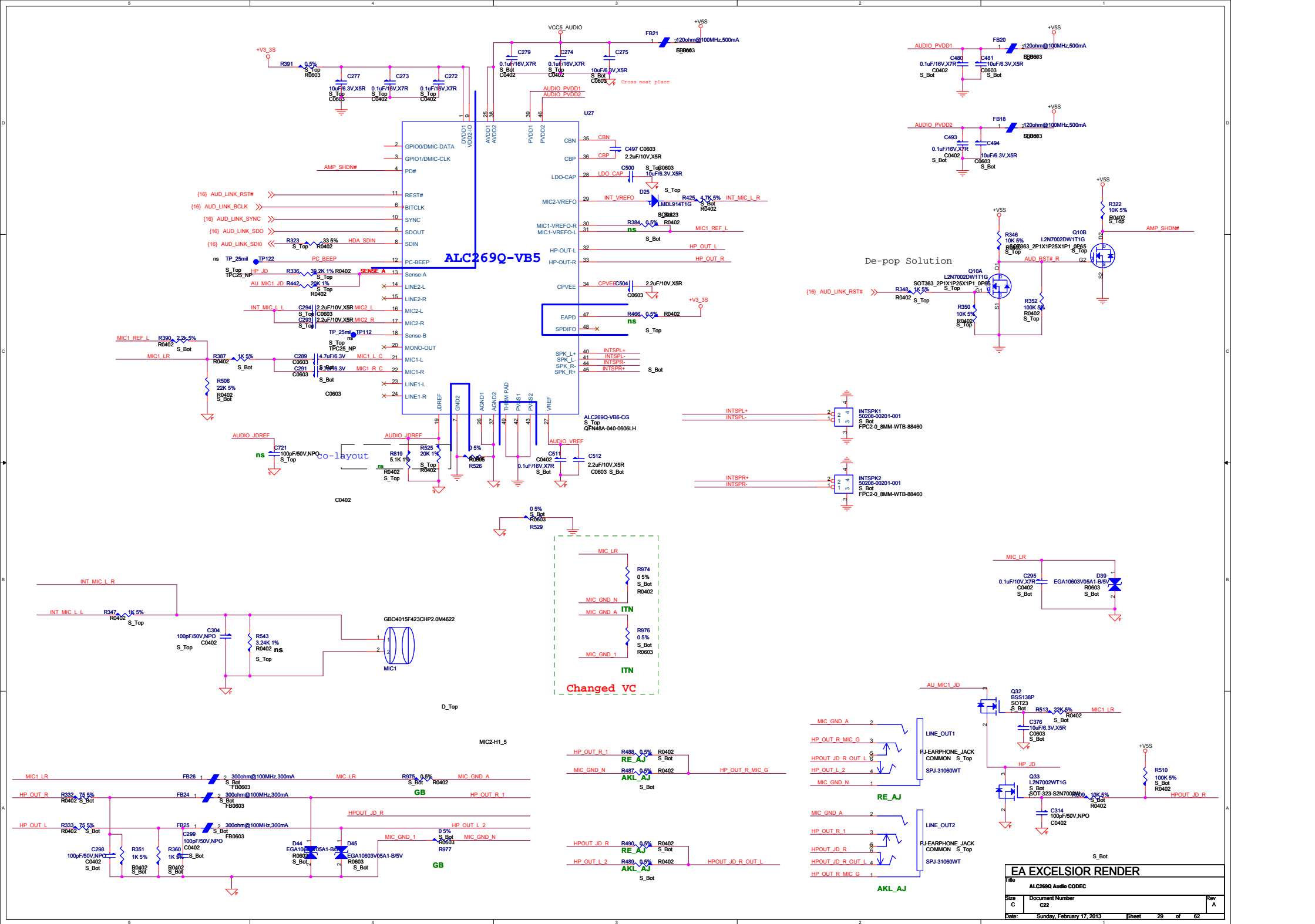


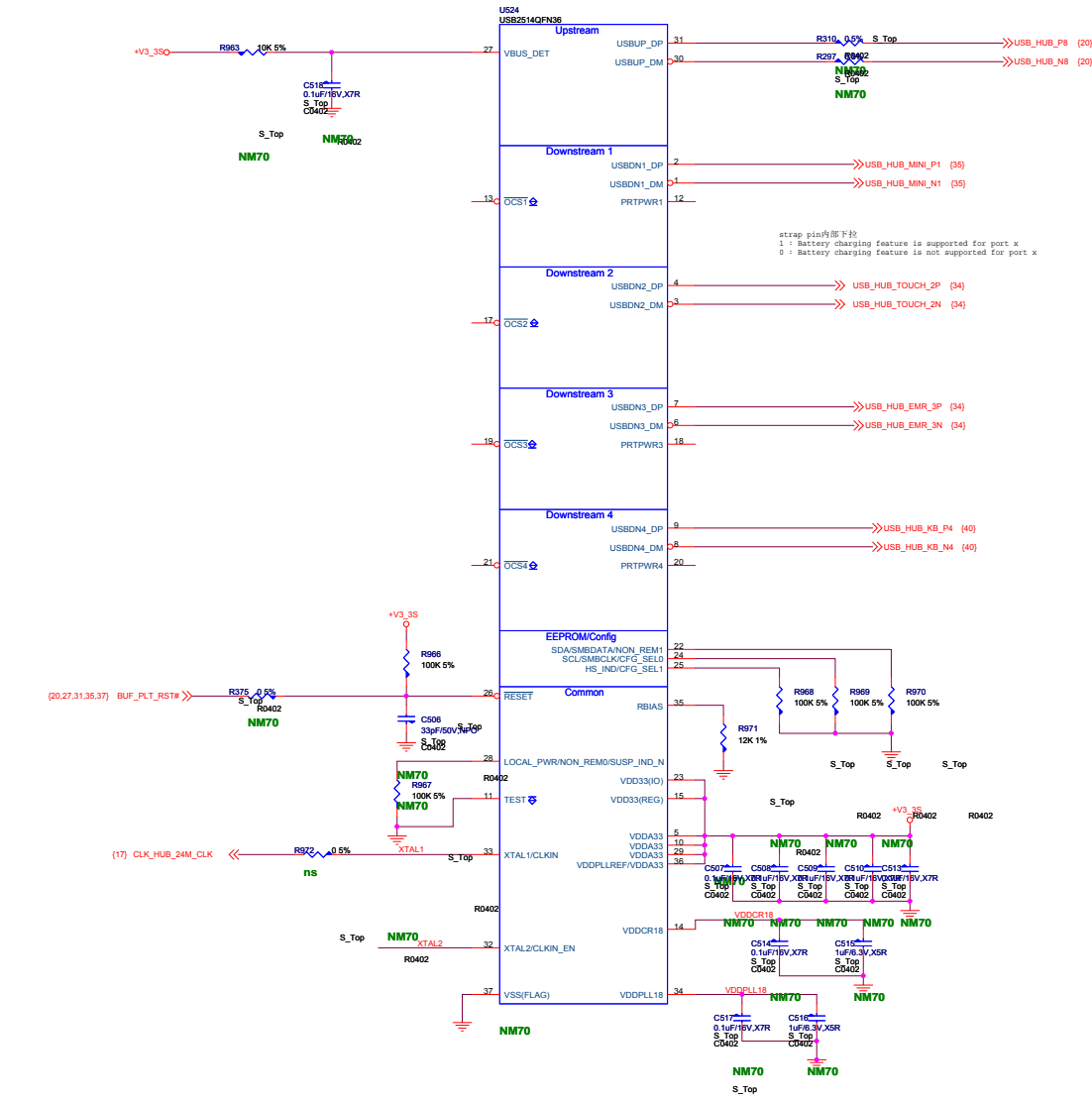




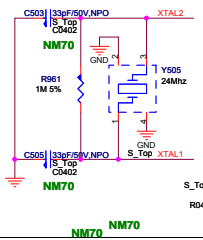






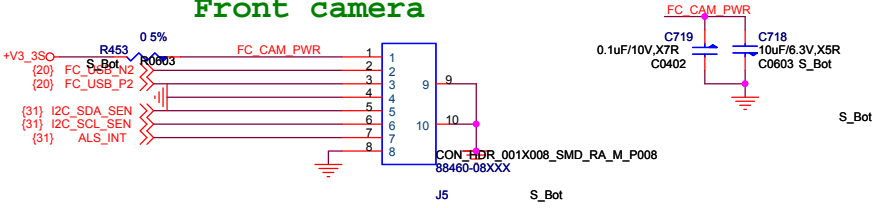


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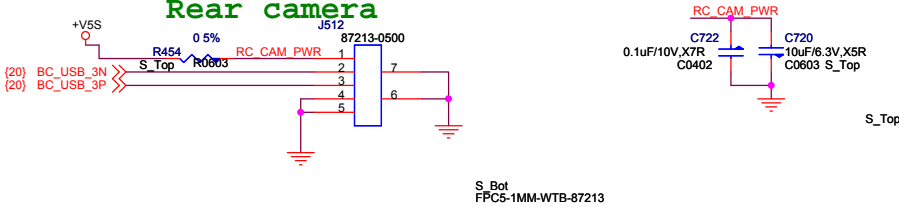


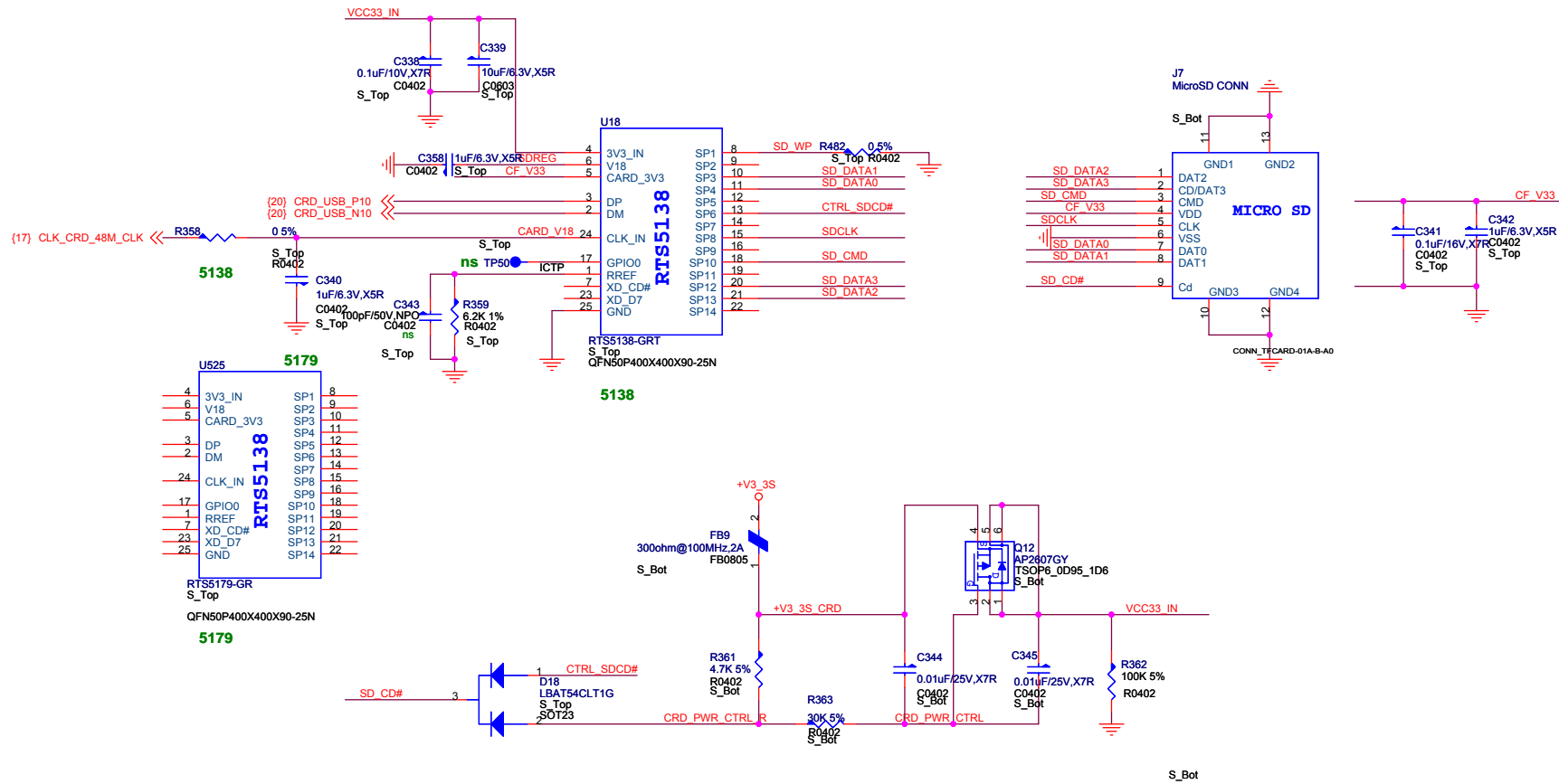
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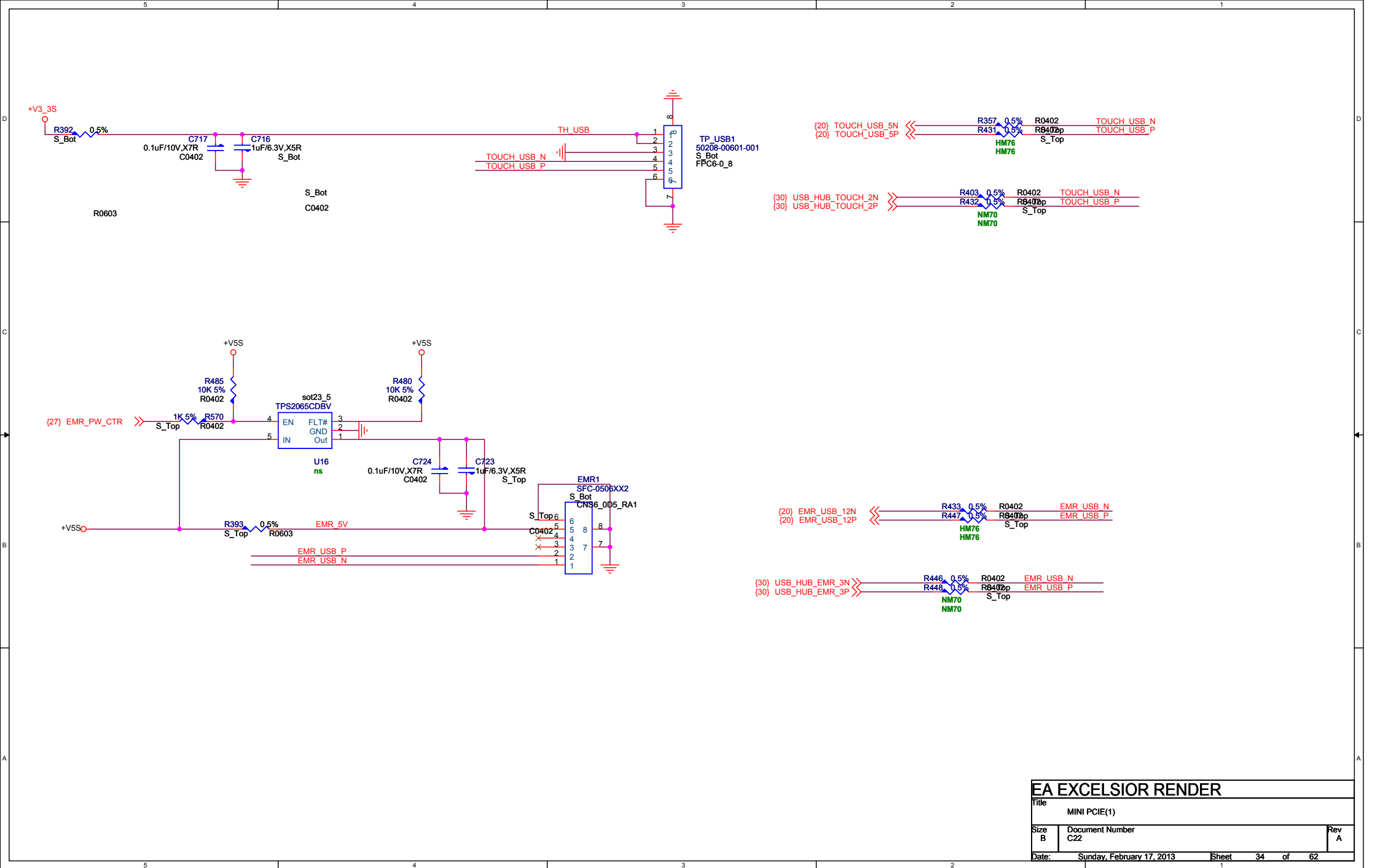
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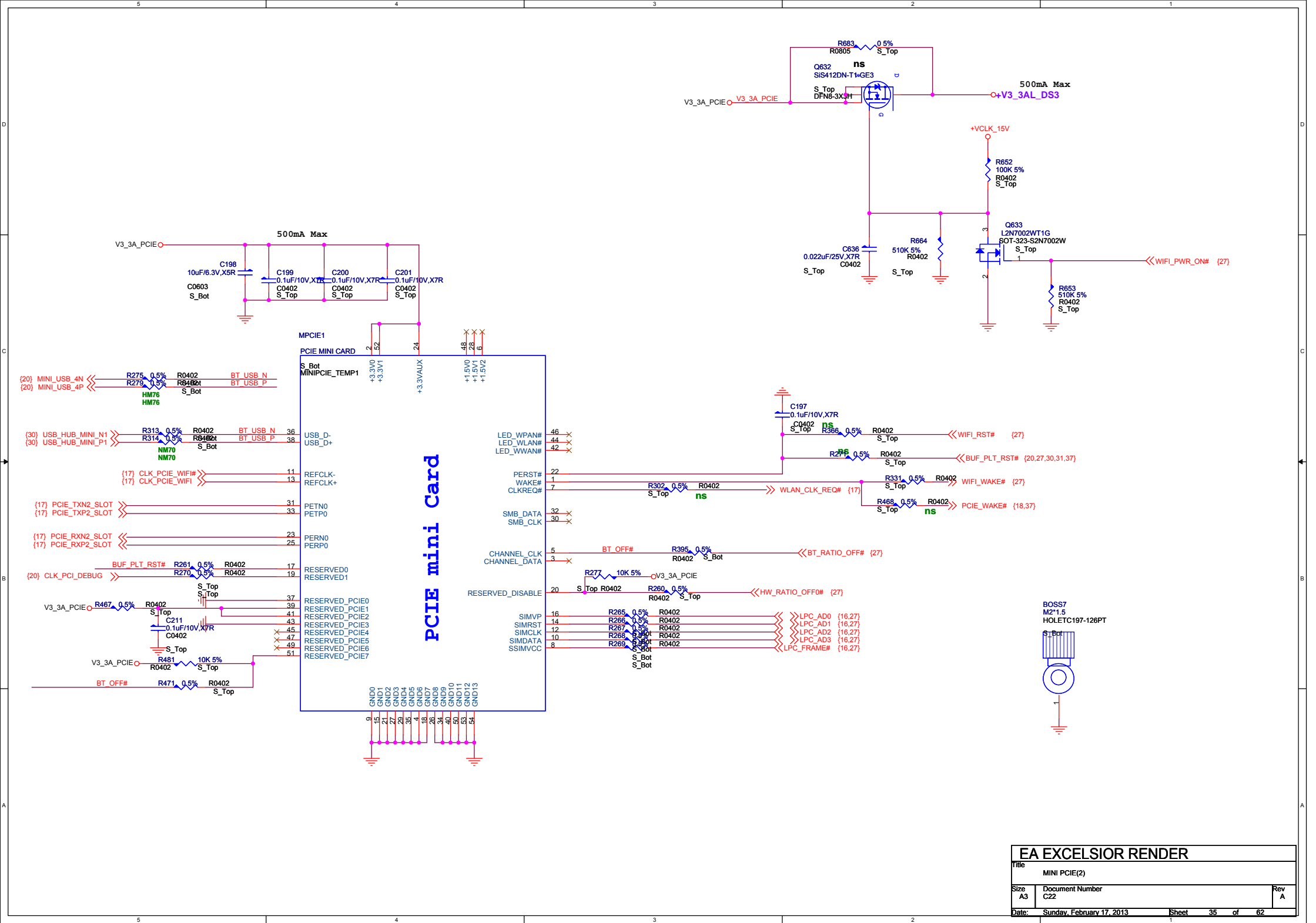


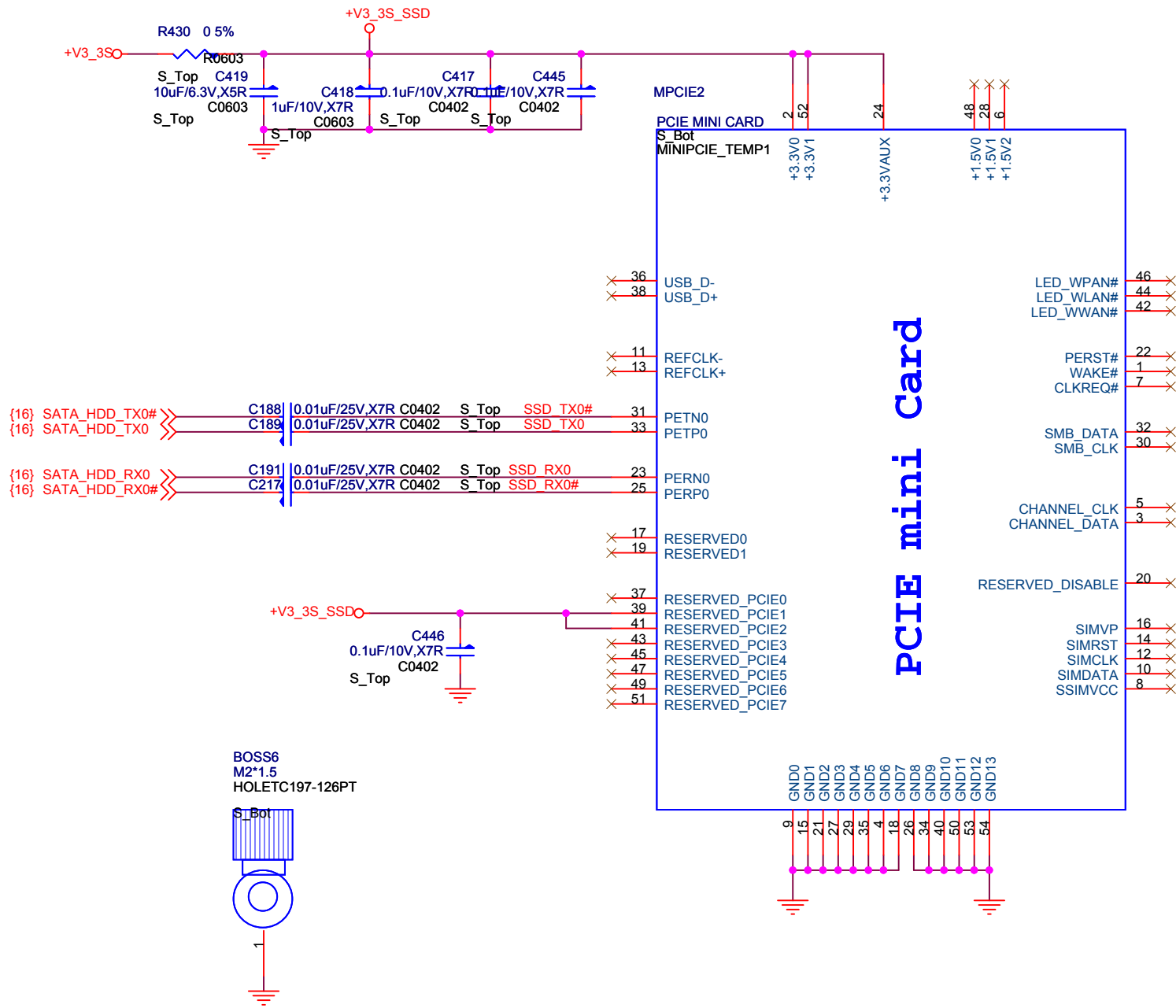
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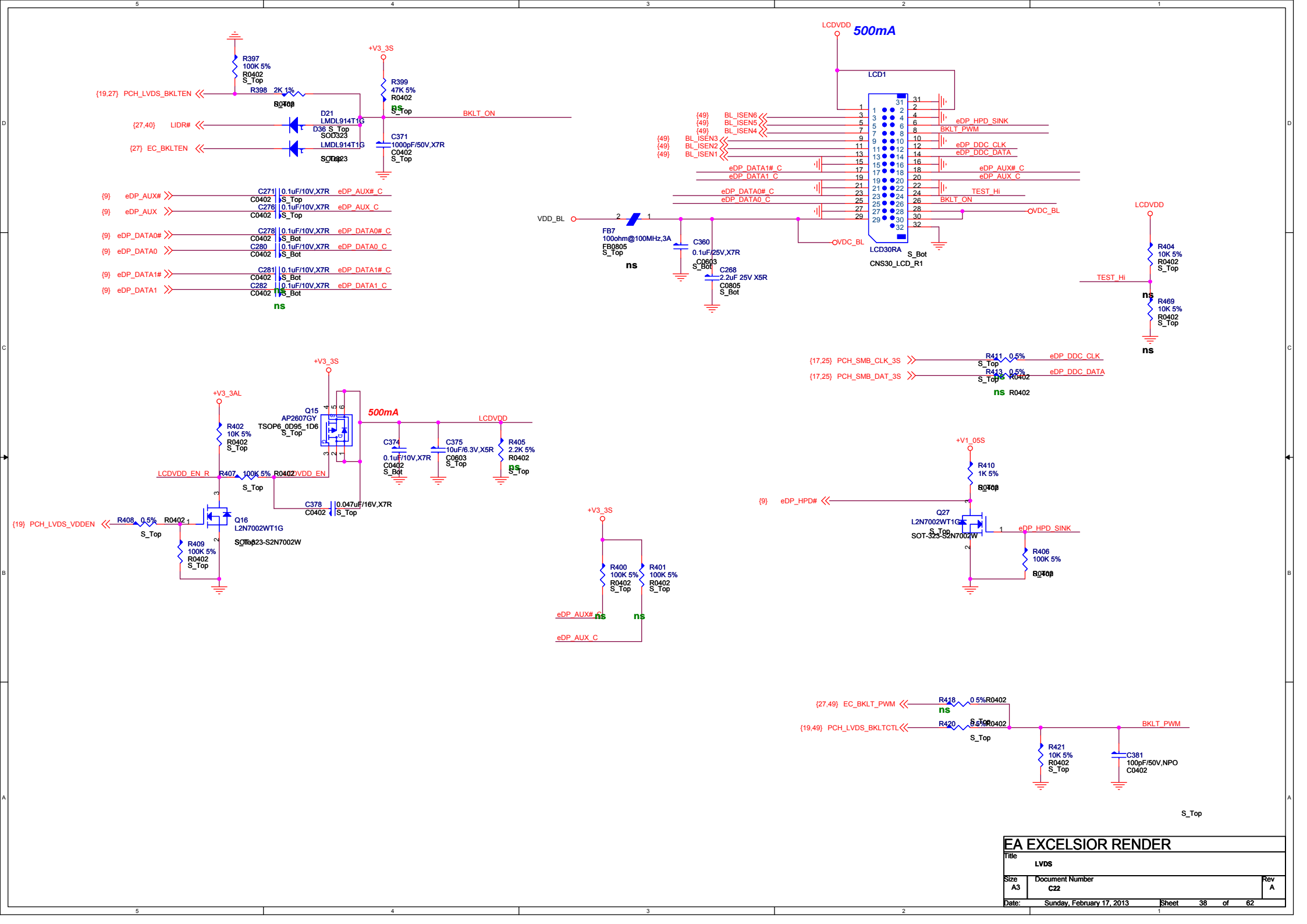


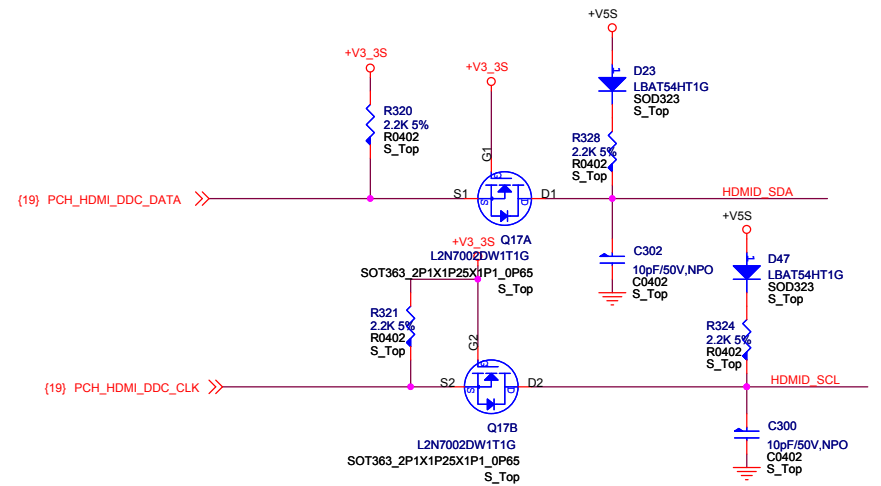
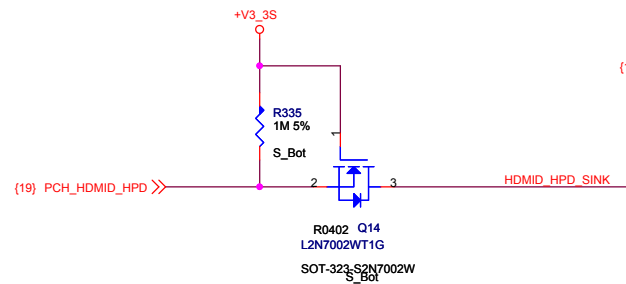
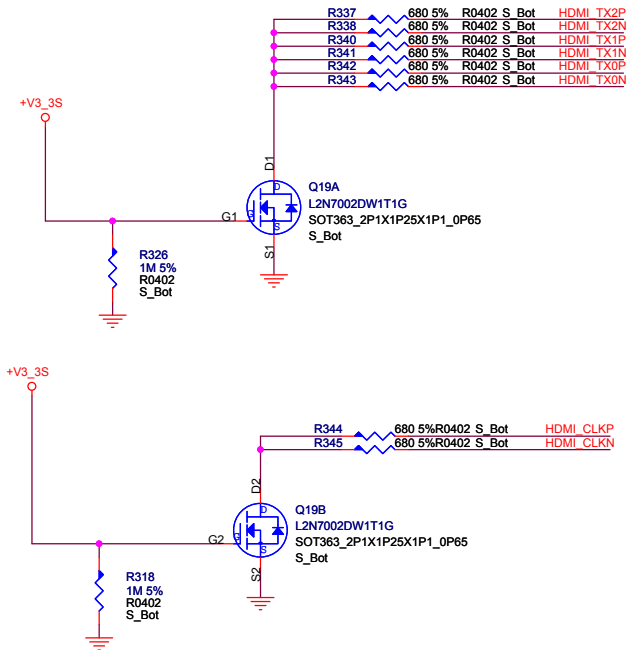
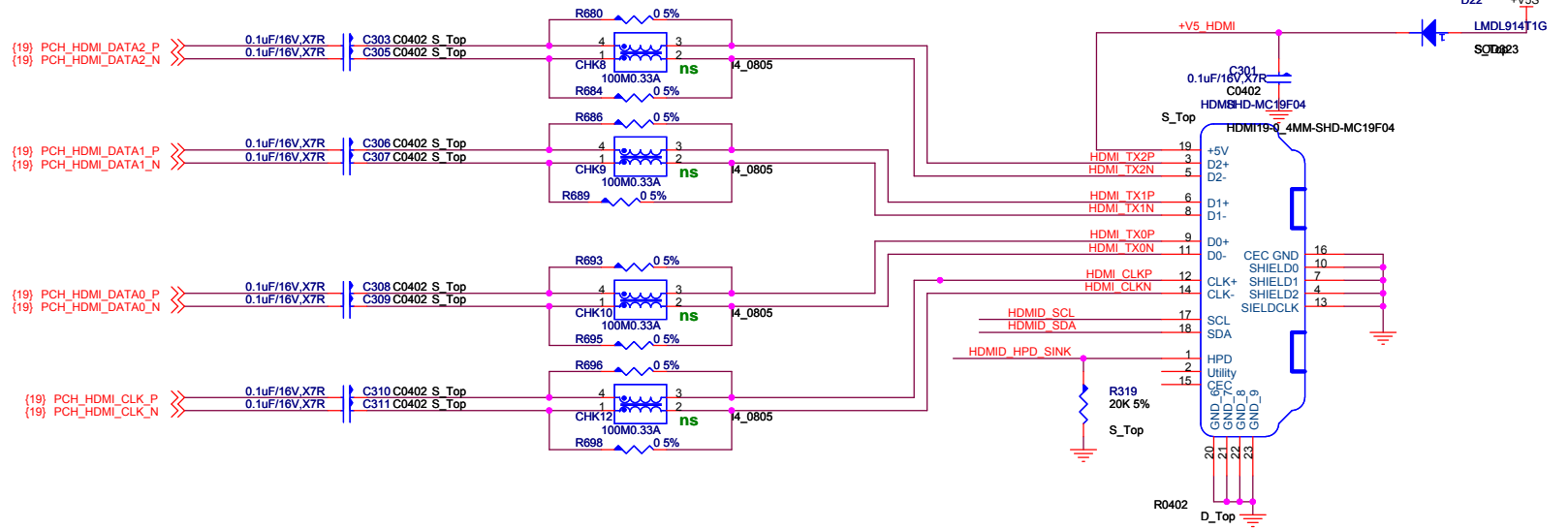




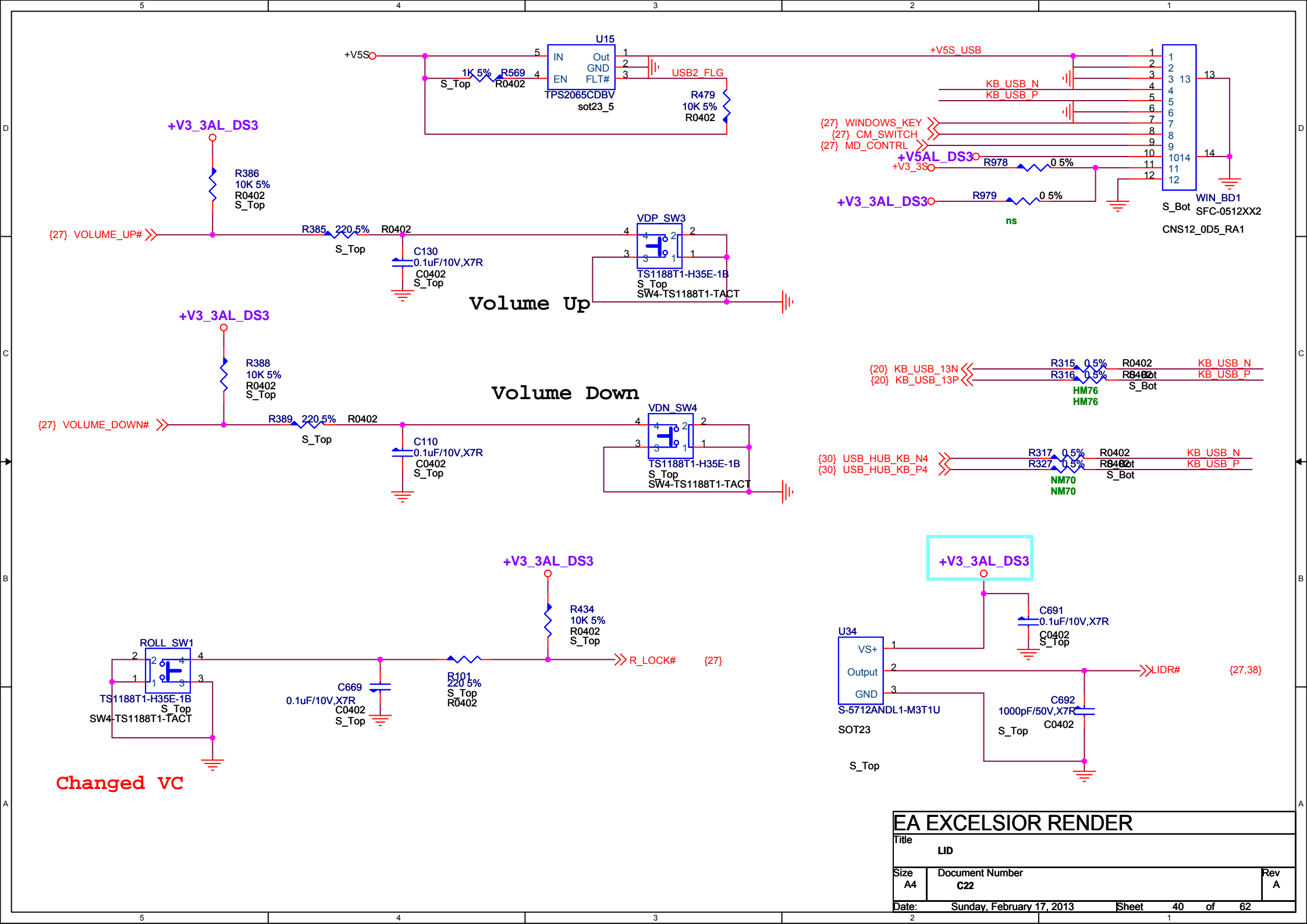






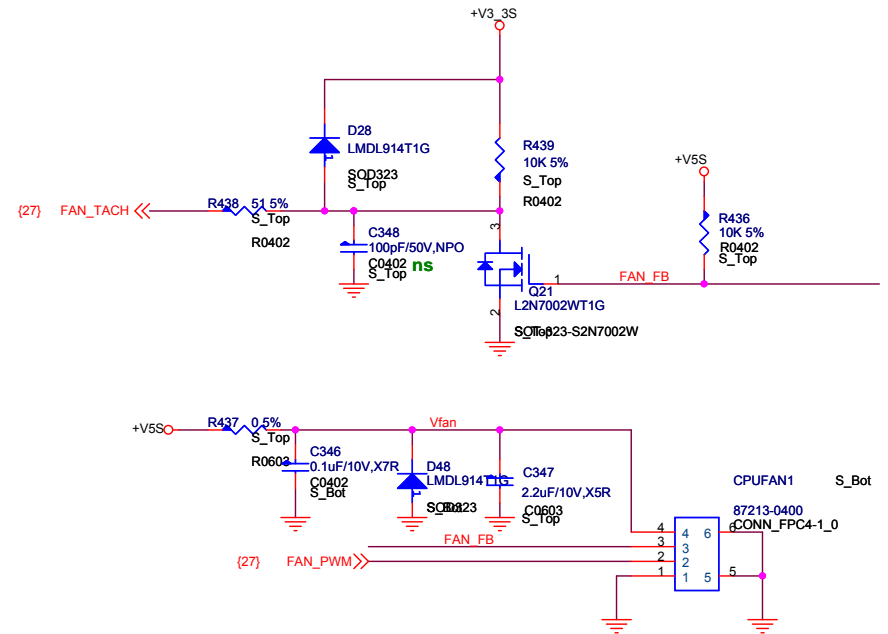
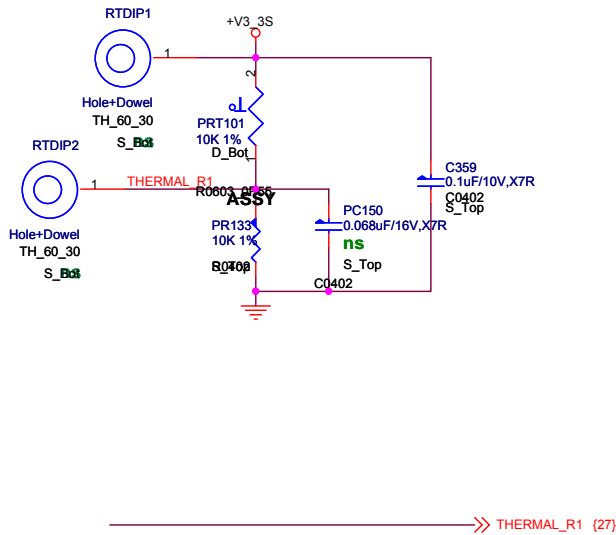


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HDMI				
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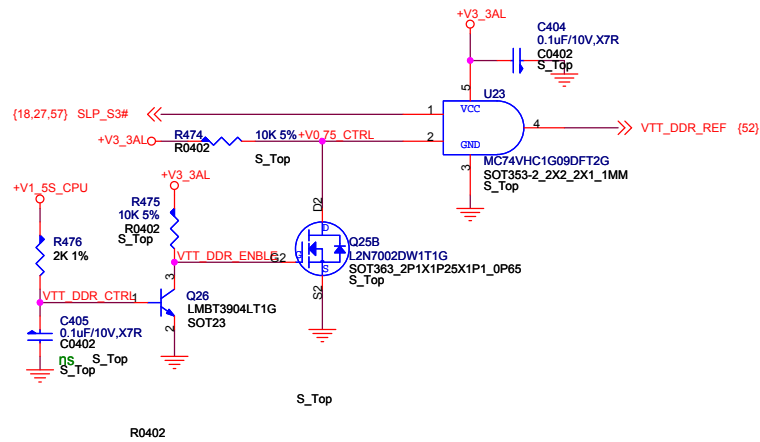
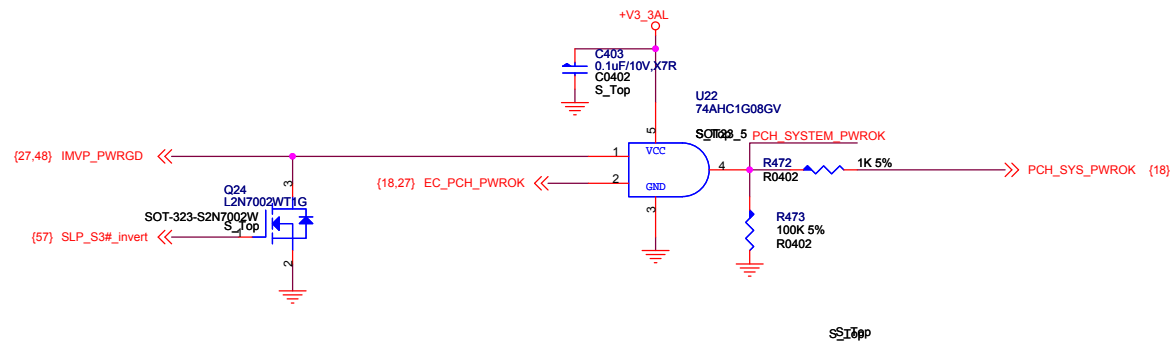


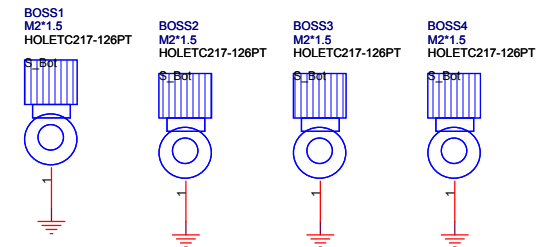
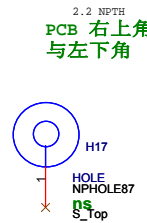
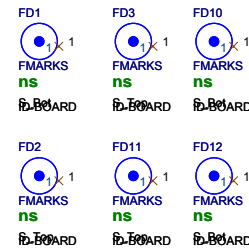
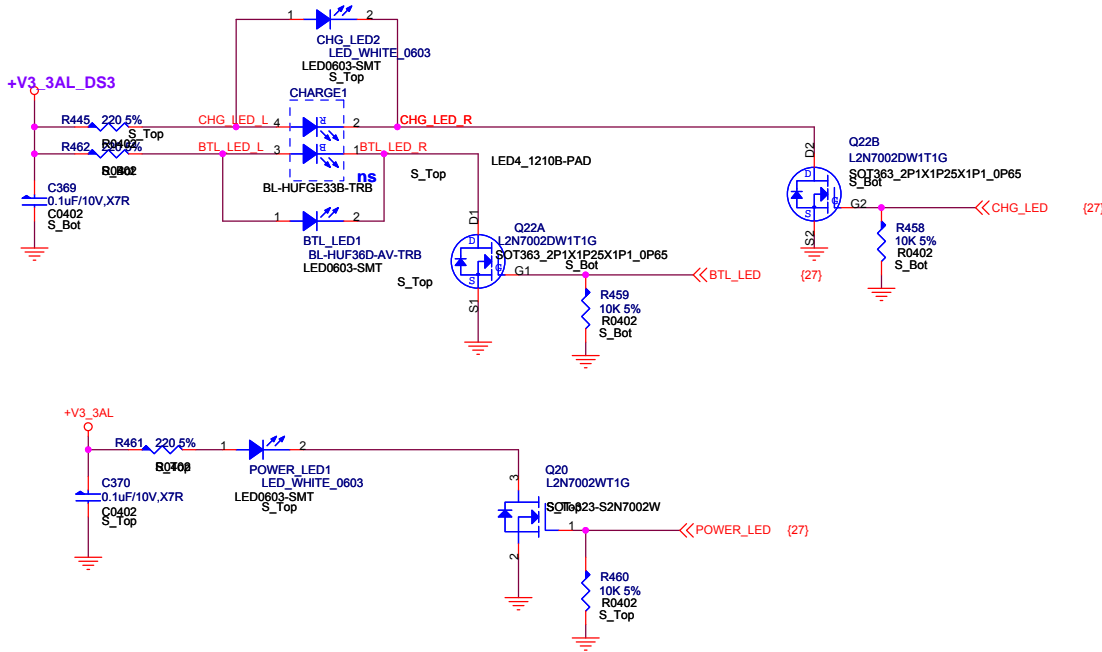
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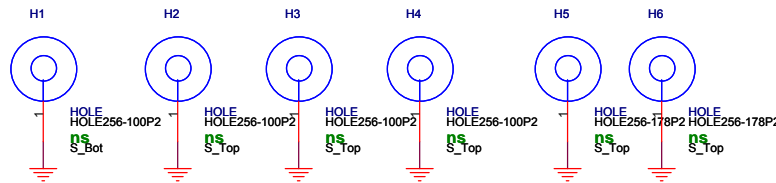


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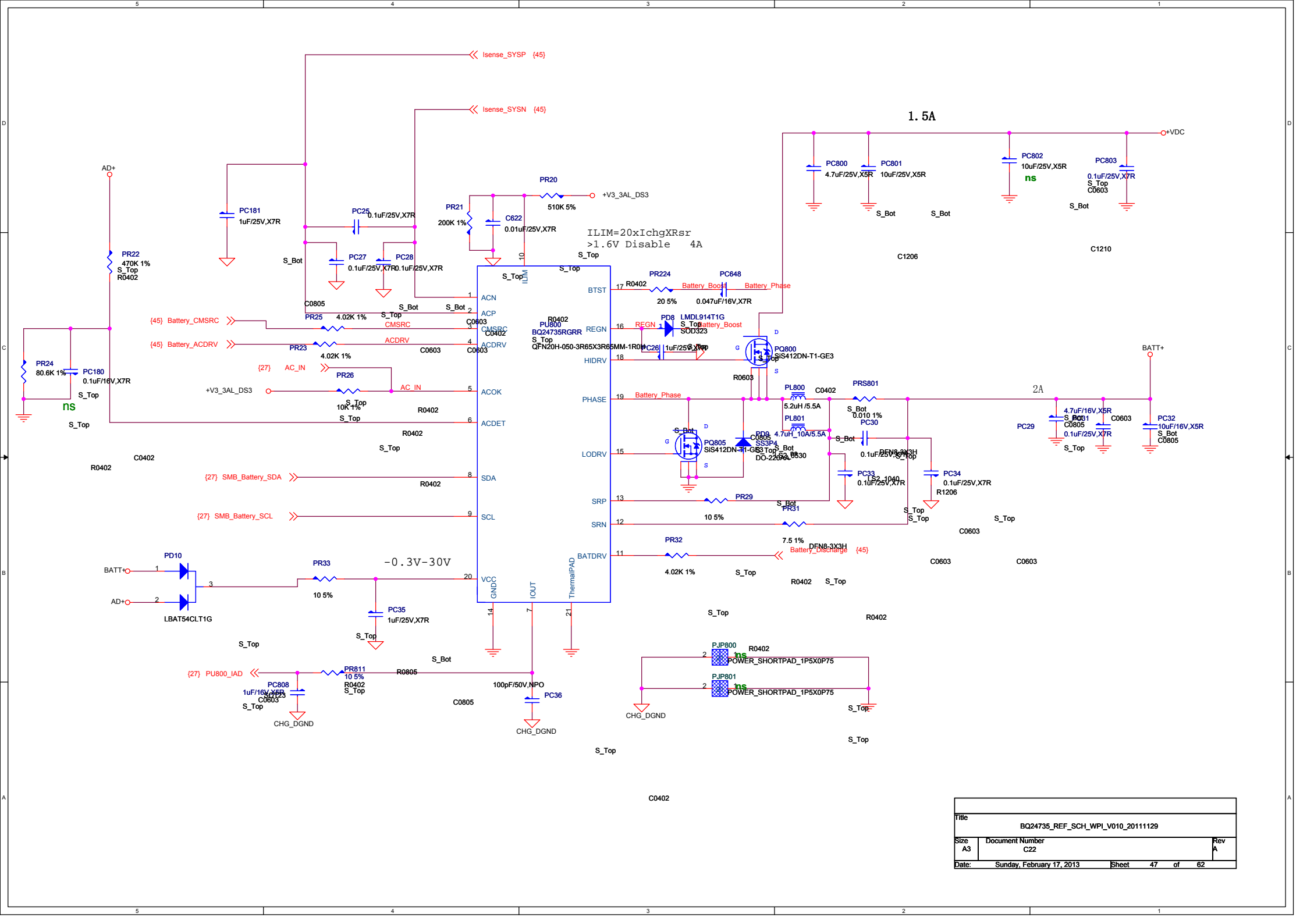




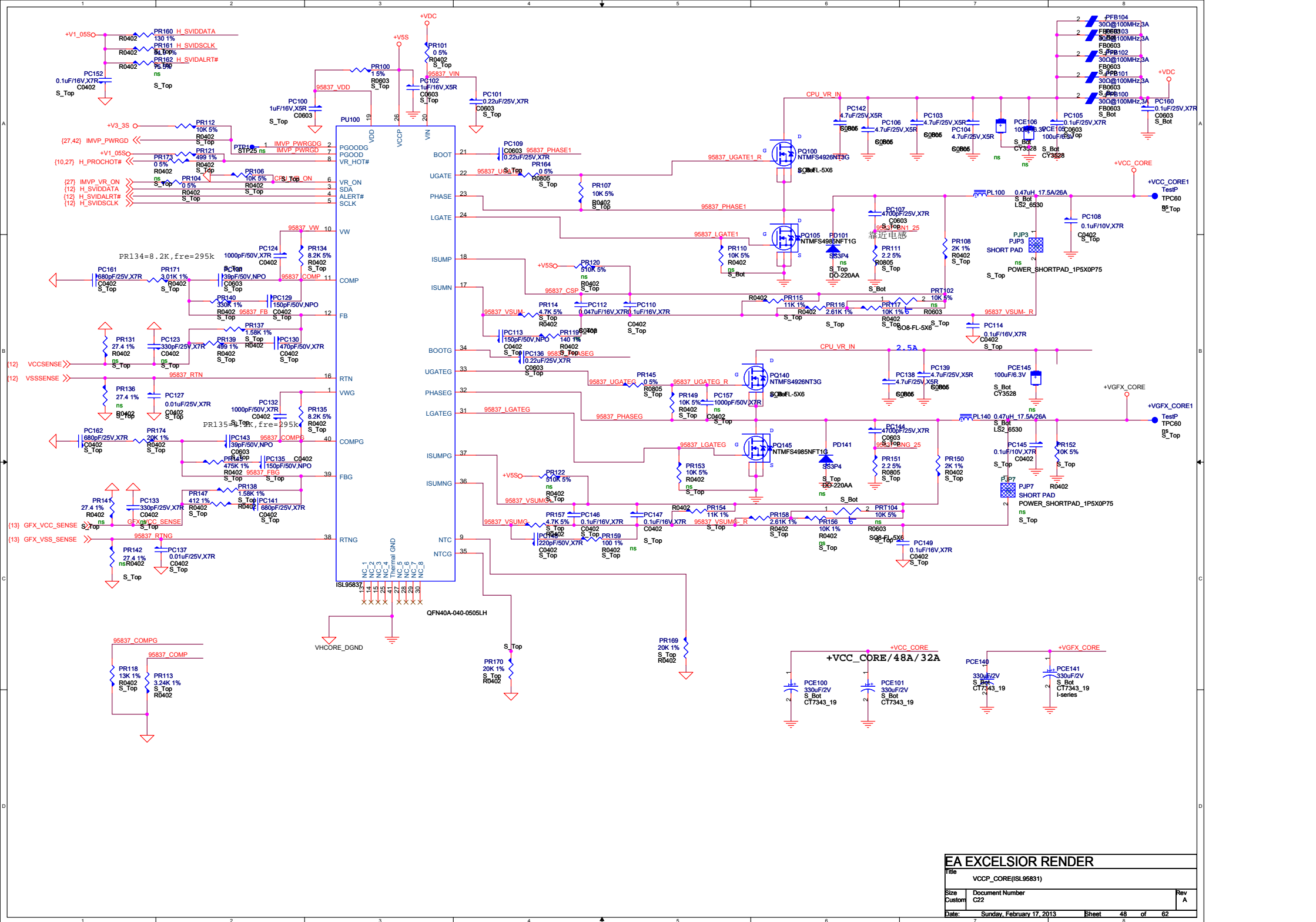
注意开成花焊盘

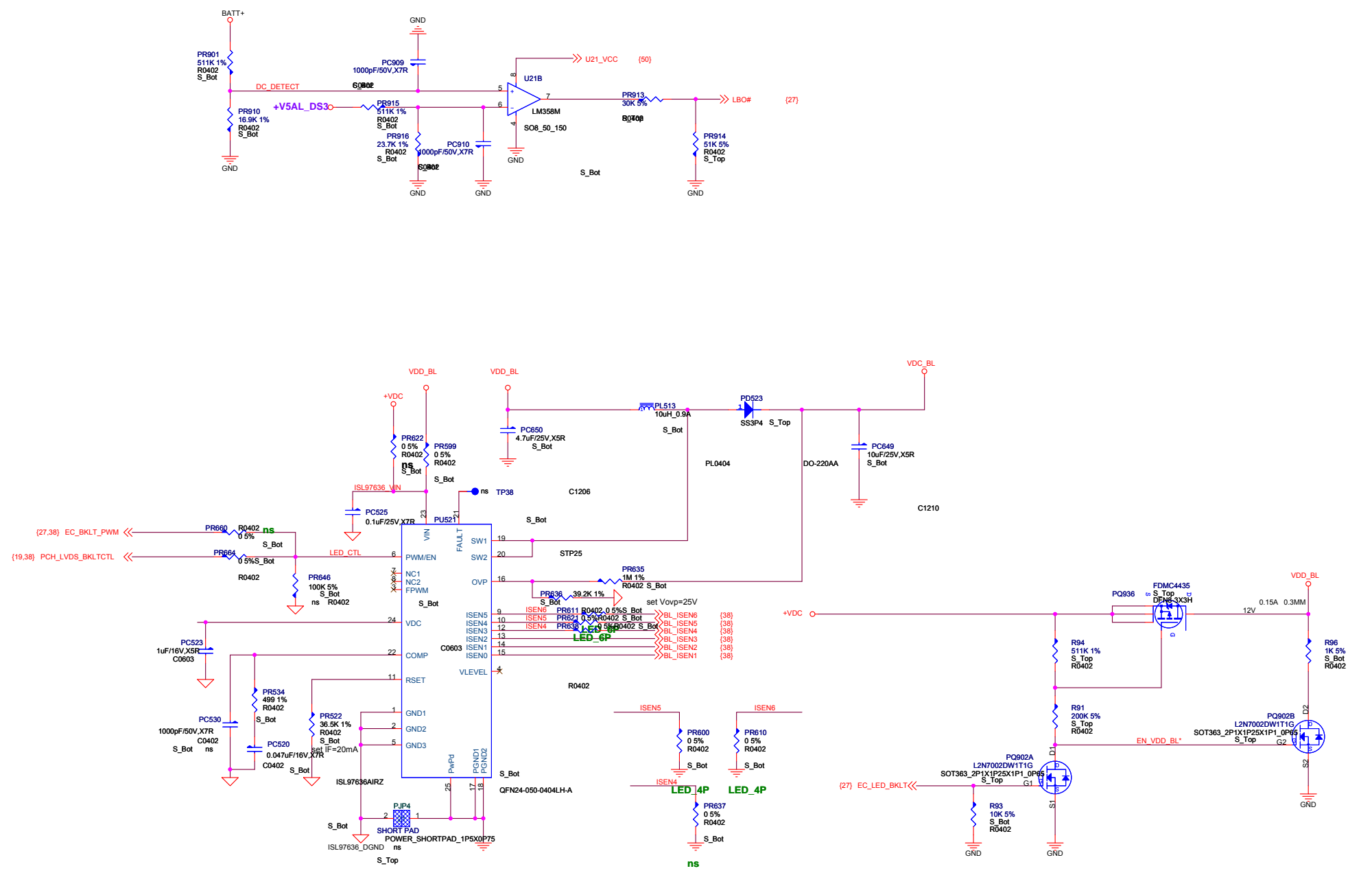


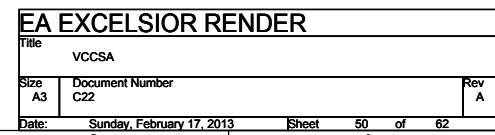
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Power Button Board/LED			
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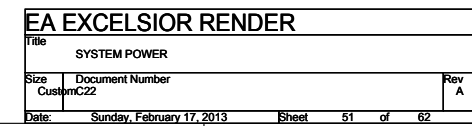


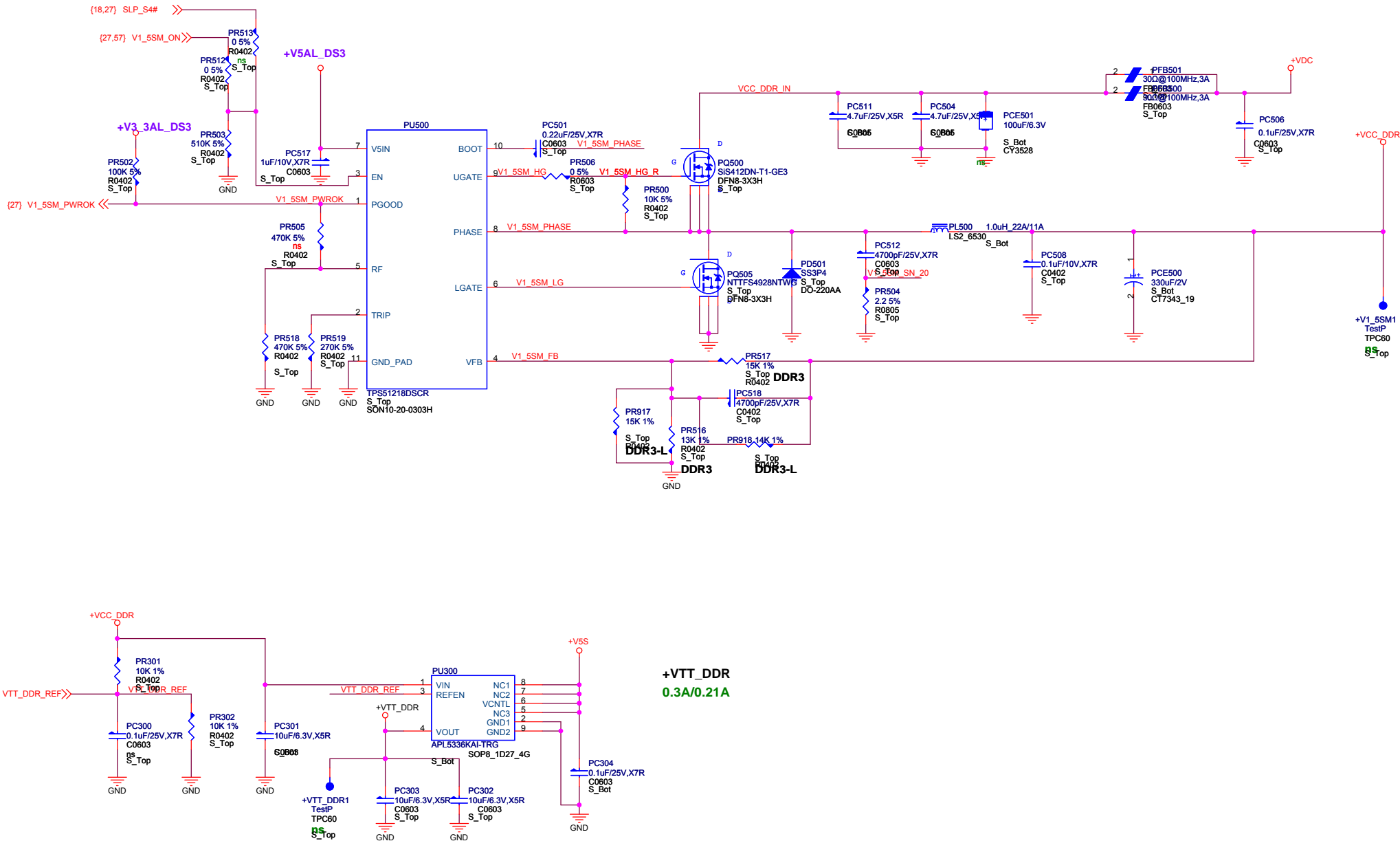
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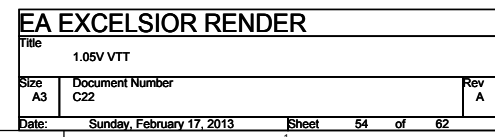


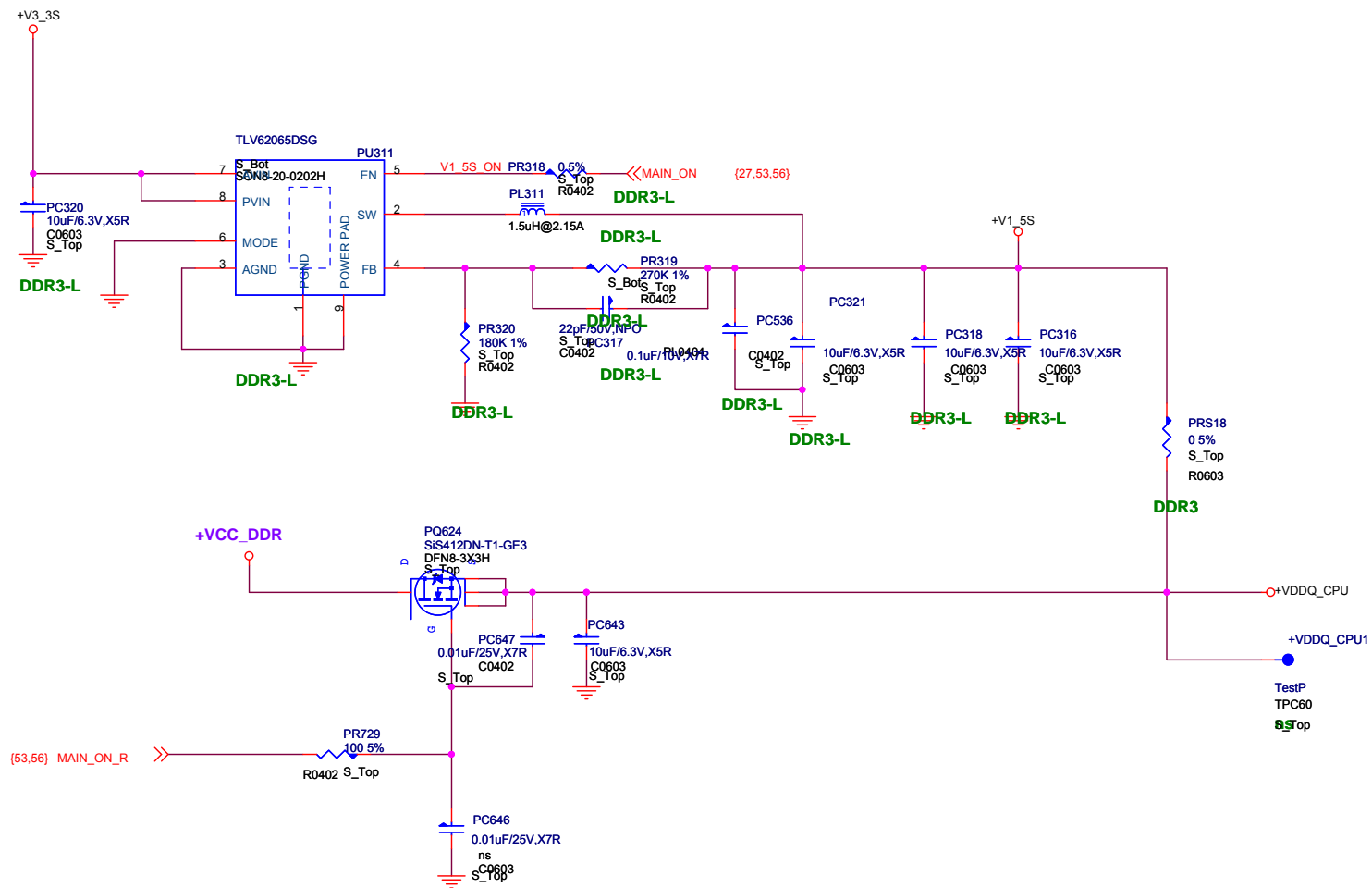




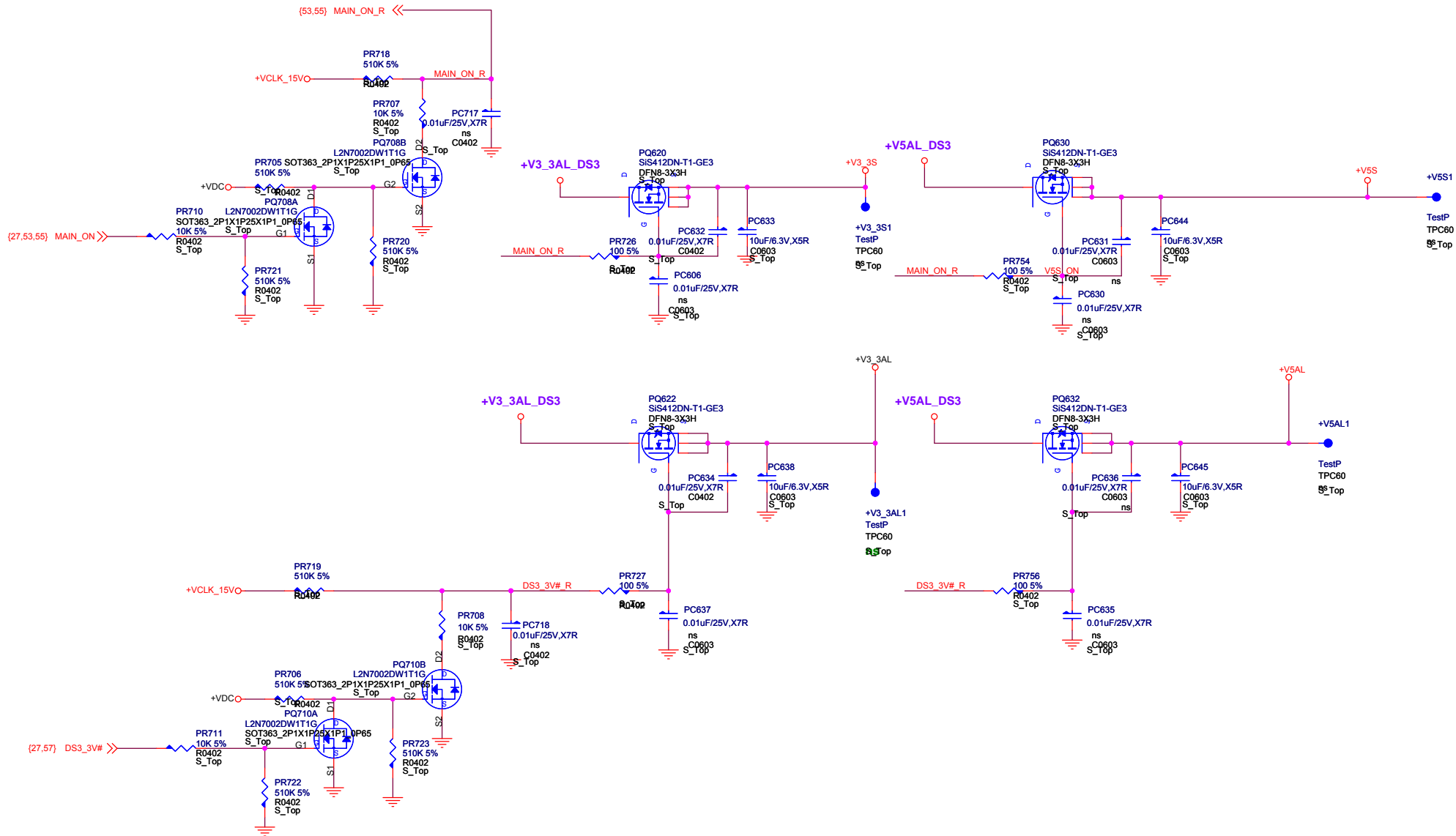








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V1_5S		
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SWITCH POWER		
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